

File 344:Chinese Patents ABS Apr 1985-2000/Aug  
(c) 2000 European Patent Office  
File 347:JAPIO Oct 1976-2000/Apr (UPDATED 000816)  
(c) 2000 JPO & JAPIO  
File 350:Derwent 1963-2000/UD,UM & UD=200039  
(c) 2000 Derwent Info Ltd

Set	Items	Description
S1	824601	REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB - OR (WIDE OR LOCAL) ()AREA()NETWORK? OR WAN OR DISTANT OR DISTR- IBUT?
S2	1510754	SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3	4855487	COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR - SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN? ()ON
S4	530727	CONTROLLER? OR MANAGER? OR DIRECTOR?
S5	6447951	DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR - APPARATUS OR EQUIPMENT?
S6	546682	APPLIANCE? ? OR (HOME OR HOUSE) (3N)APPLIANCE? OR STOVE? ? - OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7	22	ELECTRIC? ()POWER()GRID? ?
S8	17	(SMART OR INTELLIGENT) (3N) (HOUSE? OR HOME?)
S9	4429636	EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH? OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10	55606	(ELECTRONIC OR E OR VIRTUAL) (3N) (MAIL OR MESSAGE? OR DATA OR INFORMATION) OR EMAIL
S11	0	S8 AND S10
S12	136714	S1 AND S2 AND S3
S13	339283	S4 AND (S5 OR S6 OR S7)
S14	18141	S9 AND S10
S15	15421	S12 AND S13
S16	137	S15(S)S14
S17	52738	IC=G11B-015
S18	0	S16 AND S17
S19	124	S12(S)S13(S)S14
S20	53	S15 AND (USING OR VIA OR S9) (3N)S10
S21	32	S20 NOT AD=19970318:20000131/PR
S22	30	S21 NOT (BARCODE? OR BAR()CODE? OR DOCKING)

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FEB 08 2001

TO 3600 MAIL ROOM

8/3,K/1 (Item 1 from file: 344)  
DIALOG(R)File 344:Chinese Patents ABS  
(c) 2000 European Patent Office. All rts. reserv.

4203143

**CONCENTRATED HOUSEHOLD APPLIANCE CONTROLLING SYSTEM**  
Patent Assignee: OUYANG BINGYU (CN)  
Author (Inventor): BINGYU OUYANG (CN)  
Patent Family:  
CC Number Kind Date  
CN 1233144 A 19991027 (Basic)  
Application Data:  
CC Number Kind Date  
\*CN 98110796 A 19980423

8/3,K/2 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2000 JPO & JAPIO. All rts. reserv.

05554386  
**SMART CARD THAT HOUSES SEMICONDUCTOR DIE**

PUB. NO.: 09-169186 [JP 9169186 A]  
PUBLISHED: June 30, 1997 (19970630)  
INVENTOR(s): MAAKU BURATSUDOFUOODO KURIFUTON  
RICHIIYAADO MAIKERU FURIN  
FURETSUDO UIRIAMU BUERUDEI  
APPLICANT(s): LE-SENTO TECHNOL INC [000000] (A Non-Japanese Company or Corporation), US (United States of America)  
APPL. NO.: 08-279264 [JP 96279264]  
FILED: October 22, 1996 (19961022)  
PRIORITY: 7-558,579 [US 558579-1995], US (United States of America),  
October 31, 1995 (19951031)

**SMART CARD THAT HOUSES SEMICONDUCTOR DIE**

8/3,K/3 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent  
(c) 2000 Derwent Info Ltd. All rts. reserv.

013148377 \*\*Image available\*\*  
WPI Acc No: 2000-320249/200028  
XRPX Acc No: N00-240403  
**Intelligent peripheral services e.g. for packet switched network**  
Patent Assignee: PRIORITY CALL MANAGEMENT INC (PRIO-N)  
Inventor: MELAMPY P J; PENFIELD R F  
Number of Countries: 025 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
EP 998153 A2 20000503 EP 99308152 A 19991015 200028 B

Priority Applications (No Type Date): US 98182036 A 19981028

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
EP 998153 A2 E 19 H04Q-003/00

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic):

... subscriber. Several call elements associated with the inbound call are gathered. A location of a **home intelligent peripheral** of the subscriber derived from the gathered call elements. The inbound call is connected to the **home intelligent peripheral** via a packet switched network. The step of gathering a several call elements include ...

8/3,K/4 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent  
(c) 2000 Derwent Info Ltd. All rts. reserv.

012935287  
WPI Acc No: 2000-107134/200010  
XRPX Acc No: N00-082280

**Concentrated household appliance controlling system**  
Patent Assignee: OUYANG B (OUYA-I)

Inventor: OUYANG B  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1233144	A	19991027	CN 98110796	A	19980423	200010 B

Priority Applications (No Type Date): CN 98110796 A 19980423

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
CN 1233144 A 1 H04Q-009/00

...Abstract (Basic): medium for electric power and control signal, central controlling computer to indoor power network and **intelligent household** appliances connected to the indoor power network...

8/3,K/5 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent  
(c) 2000 Derwent Info Ltd. All rts. reserv.

012914591 \*\*Image available\*\*  
WPI Acc No: 2000-086427/200007  
XRAM Acc No: C00-024040  
XRPX Acc No: N00-067837

**Self-closing cap for filling neck of vehicle fuel tank**  
Patent Assignee: ON TRACK INNOVATIONS LTD (ONTR-N)  
Inventor: ADUK M; BASHAN O; GILBOA R; ITAY N  
Number of Countries: 086 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9958356	A1	19991118	WO 99IL219	A	19990423	200007 B
AU 9934416	A	19991129	AU 9934416	A	19990423	200018

Priority Applications (No Type Date): IL 124424 A 19980511

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes

WO 9958356 A1 E 16 B60K-015/04  
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT UA UG US UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW  
AU 9934416 A B60K-015/04 Based on patent WO 9958356

Abstract (Basic):  
... wire (53) which is fixed with epoxy resin to the recess and connected to a **smart card** (54) housed in the recess. The coil antenna send signals to the gas station when the fuel...

8/3,K/6 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent  
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012813808 \*\*Image available\*\*

RECEIVED  
FEB 12 2001  
Technology Center 2100

WPI Acc No: 1999-620039/199953

XRPX Acc No: N99-457319

**Wireless telemetry method for communicating with or controlling intelligent devices in homes and businesses**

Patent Assignee: BELLSOUTH INTELLECTUAL PROPERTY CORP (BELL-N)

Inventor: SHAND A M; WARFEL K B; WHITLEY K T

Number of Countries: 086 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9949680	A1	19990930	WO 99US6429	A	19990324	199953 B
AU 9932015	A	19991018	AU 9932015	A	19990324	200009

Priority Applications (No Type Date): US 9879215 A 19980324

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9949680	A1	E	30 H04Q-007/22	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

AU 9932015 A H04Q-007/22 Based on patent WO 9949680

**Wireless telemetry method for communicating with or controlling intelligent devices in homes and businesses**

Abstract (Basic):

... For communicating with or controlling intelligent devices in homes and business such as meter reading system...

8/3,K/7 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent

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012702868 \*\*Image available\*\*

WPI Acc No: 1999-508979/199942

XRPX Acc No: N99-379285

Method for providing arrangement for prepaid electrical supplies using box having connections from mains supply and outlets for particular circuit supplied such as house using receptor for smart card - purchasable from authorities for value corresponding to predetermined amount of electricity

Patent Assignee: BAXTER B J (BAXT-I); SWANSON D O (SWAN-I)

Inventor: BAXTER B J; SWANSON D O

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
ZA 9809792	A	19990728	ZA 989792	A	19981027	199942 B

Priority Applications (No Type Date): ZA 989792 A 19981027

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
ZA 9809792	A	E	10 G05F-000/00	

... using box having connections from mains supply and outlets for particular circuit supplied such as house using receptor for smart card...

8/3,K/8 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent

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012577738 \*\*Image available\*\*

WPI Acc No: 1999-383845/199932

XRPX Acc No: N99-287344

**Hardware controlled multinode interface module for control system such as smart home control, process and factory control**

Patent Assignee: LOCKHEED MARTIN CORP (LOCK )

Inventor: HEFLIN D L

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5907690	A	19990525	US 9371920	A	19930603	199932 B

Priority Applications (No Type Date): US 9371920 A 19930603

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5907690	A	11	G06F-013/38	

**Hardware controlled multinode interface module for control system such as smart home control, process and factory control**

Abstract (Basic):

... For environmental, security, fire and smoke warning, smart home controls, training simulators as well as process of factory controls...

8/3,K/9 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent

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012519756 \*\*Image available\*\*

WPI Acc No: 1999-325862/199927

XRPX Acc No: N99-244375

**Digital image data classification method for programmable man-machine interfaces in general or special purpose computing devices**

Patent Assignee: HOFFBERG S M (HOFF-I); HOFFBERG-BORGHESANI L I (HOFF-I)

Inventor: HOFFBERG S M; HOFFBERG-BORGHESANI L I

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5901246	A	19990504	US 95469104	A	19950606	199927 B

Priority Applications (No Type Date): US 95469104 A 19950606

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5901246	A	91	G06K-009/62	

Abstract (Basic):

... for VCR, medical device, vehicle control system, audio device, environment control system, securities trading terminal, smart house

8/3,K/10 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent

(c) 2000 Derwent Info Ltd. All rts. reserv.

012496687 \*\*Image available\*\*

WPI Acc No: 1999-302795/199925

XRPX Acc No: N99-226832

**Highlighting holidays in calendar software application**

Patent Assignee: ERICSSON INC (TELF )

Inventor: MOON B G; WOOLDRIDGE T A

Number of Countries: 082 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9921100	A1	19990429	WO 98US22202	A	19981022	199925 B
AU 9911074	A	19990510	AU 9911074	A	19981022	199938

US 6064975 A 20000516 US 97955911 A 19971022 200031

Priority Applications (No Type Date): US 97955911 A 19971022

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9921100 A1 E 32 G06F-015/02

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9911074 A G06F-015/02 Based on patent WO 9921100

US 6064975 A G06F-017/60

Abstract (Basic):

... differently to other dates. The geographical location is specified as the current location of the intelligent communications device, its home location or that of a communicating party, using a GUI.

8/3,K/11 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent

(c) 2000 Derwent Info Ltd. All rts. reserv.

012074320 \*\*Image available\*\*

WPI Acc No: 1998-491231/199842

XRPX Acc No: N98-384362

Home banking system using intelligent terminals such as PC - has financial institution side computer apparatus which performs banking process when call from customer side computer apparatus is confirmed by PC communication network base

Patent Assignee: JIRU KK (JIRU-N); NIPPON OILS & FATS CO LTD (NIOF ); RUN WORLD KK (RUNW-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10214305	A	19980811	JP 9731213	A	19970130	199842 B

Priority Applications (No Type Date): JP 9731213 A 19970130

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 10214305 A 7 G06F-019/00

Home banking system using intelligent terminals such as PC...

8/3,K/12 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent

(c) 2000 Derwent Info Ltd. All rts. reserv.

011800779 \*\*Image available\*\*

WPI Acc No: 1998-217689/199819

XRPX Acc No: N98-172112

Location update method for wireless terminal - extending PBX functions to perform location updating sequence through exchange, intelligent network and home PBX

Patent Assignee: NOKIA TELECOM OY (OYNO ); NOKIA NETWORKS OY (OYNO )

Inventor: LAHTINEN L

Number of Countries: 080 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9812886	A1	19980326	WO 97FI559	A	19970918	199819 B
FI 9603722	A	19980320	FI 963722	A	19960919	199826
AU 9743053	A	19980414	AU 9743053	A	19970918	199839
FI 102125	B1	19981015	FI 963722	A	19960919	199847

EP 974239 A1 20000126 EP 97919086 A 19970918 200010  
WO 97FI559 A 19970918

Priority Applications (No Type Date): FI 963722 A 19960919

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 9812886 A1 E 19 H04Q-007/26

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

EP 974239 A1 E H04Q-007/26 Based on patent WO 9812886

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

AU 9743053 A H04Q-007/26 Based on patent WO 9812886

FI 102125 B1 H04M-003/00 Previous Publ. patent FI 9603722

FI 9603722 A H04M-000/00

... extending PBX functions to perform location updating sequence through exchange, intelligent network and home PBX

8/3,K/13 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent

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011416724 \*\*Image available\*\*

WPI Acc No: 1997-394631/199737

XRPX Acc No: N97-328372

Room lighting brightness control device with dimmer - sets illumination level in several separate places, compared with alternating cross-over switches using little additional cabling

Patent Assignee: SIMON R (SIMO-I)

Inventor: SIMON R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19603875	A1	19970807	DE 1003875	A	19960203	199737 B

Priority Applications (No Type Date): DE 1003875 A 19960203

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
DE 19603875 A1 6

...Abstract (Basic): USE/ADVANTAGE - Suitable for hospitals, zoos, and businesses, including homes . Provides 'intelligent ' control throughout day and night, leaving some lights ON for security, and generally power-saving...

8/3,K/14 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent

(c) 2000 Derwent Info Ltd. All rts. reserv.

011311658 \*\*Image available\*\*

WPI Acc No: 1997-289563/199726

XRPX Acc No: N97-239780

Decryption of received and selected broadcast signal for subsequent viewing - has converter box or decryption device which can use number of different decrypting smart cards simultaneously inserted in box to access selected broadcast encrypted signal

Patent Assignee: E\*STAR INC (ESTA-N); AMARYLLIS INT LTD (AMAR-N)

Inventor: WILSON J

Number of Countries: 063 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9718656	A1	19970522	WO 96US17936	A	19961113	199726	B
AU 9714059	A	19970605	AU 9714059	A	19961113	199738	
US 5742680	A	19980421	US 95556511	A	19951113	199823	
EP 861542	A1	19980902	EP 96944189	A	19961113	199839	
			WO 96US17936	A	19961113		
NZ 325532	A	19981125	NZ 325532	A	19961113	199903	
			WO 96US17936	A	19961113		
JP 2000503821	W	20000328	WO 96US17936	A	19961113	200026	
			JP 97518947	A	19961113		

Priority Applications (No Type Date): US 95556511 A 19951113

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9718656	A1	E	40 H04L-009/14	
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Designated States (National): AL AU BB BG BR CA CN CZ EE GE HU IL IS JP  
KP KR LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE

LS LU MC MW NL OA PT SD SE SZ UG

JP 2000503821	W	34 H04N-007/167	Based on patent WO 9718656
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AU 9714059	A	H04L-009/14	Based on patent WO 9718656
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US 5742680	A	18 H04L-009/32	
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EP 861542	A1	E	H04L-009/14	Based on patent WO 9718656
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Designated States (Regional): AT BE CH DE ES FI FR GB IT LI LU NL SE

NZ 325532	A	H04L-009/14	Based on patent WO 9718656
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...Abstract (Basic): A decryption device simultaneously **houses** two removable **smart** cards, the first having a memory for storing a first decryption algorithm for decrypting the...

8/3,K/15 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent

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011215256 \*\*Image available\*\*

WPI Acc No: 1997-193181/199717

XRPX Acc No: N97-159539

**Modular communications and applications control system for accessing home network - has storage device containing association table for connections between any of networks to set appropriate connection to module requesting same**

Patent Assignee: OPEN SYSTEMS COMMUNICATIONS MARKETING INC (OPEN-N)

Inventor: HAM M E; JOLMA L N; LAWSON H M; PRENICZKY J T; SAUNDERS L

Number of Countries: 071 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9709800	A2	19970313	WO 96US13505	A	19960829	199717	B
AU 9668527	A	19970327	AU 9668527	A	19960829	199729	
WO 9709800	A3	19970605	WO 96US13505	A	19960829	199737	

Priority Applications (No Type Date): US 95521046 A 19950829

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9709800	A2	E	41 B	
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Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ  
DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG  
MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE  
LS LU MC MW NL OA PT SD SE SZ UG

AU 9668527	A	B	Based on patent WO 9709800
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WO 9709800	A3	B	
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...Abstract (Basic): for accessing external communications networks such as LANs and WANs and internal networks such as **home** network or **smart** systems for security, energy management, meter reading, digital data service provision, CATV distribution etc...

8/3,K/16 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent

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011100167 \*\*Image available\*\*

WPI Acc No: 1997-078092/199708

XRPX Acc No: N97-064774

**Injection electroluminescent nerve network circuit**

Patent Assignee: UNIV FUJIAN (UYFU-N)

Inventor: CHEN F; GUO D; LIN S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1078053	A	19931103	CN 92103255	A	19920427	199708 B

Priority Applications (No Type Date): CN 92103255 A 19920427

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1078053	A			G06F-015/18	

...Abstract (Basic): cranial nerve cell for memory, recognition, debugging and classification. May be widely used in various **intelligent** industrial equipment, **household** electric appliances and electric controlling equipment, or to make IC chips with large amount of...

8/3,K/17 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent

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010803191 \*\*Image available\*\*

WPI Acc No: 1996-300144/199630

Related WPI Acc No: 1998-506000; 1998-556780

XRPX Acc No: N96-252613

**Utility demand monitoring and control system - has distribution network coupled to host computer for interconnecting several intelligent utility units for transmitting utility usage data from units to host computer**

Patent Assignee: FIRST PACIFIC NETWORKS INC (FIRS-N); FIRST PACIFIC NETWORKS (FIRS-N)

Inventor: AMAR A C; McNAMARA R P

Number of Countries: 007 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5528507	A	19960618	US 93104750	A	19930811	199630 B
EP 795948	A1	19970917	EP 96301661	A	19960311	199742 N

Priority Applications (No Type Date): US 93104750 A 19930811; EP 96301661 A 19960311

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5528507	A	11		G01R-021/00	

Designated States (Regional): DE FR GB IT NL SE

...Abstract (Basic): service meter, monitoring customer demand, and controlling power to selected units. A network within the **home** interconnects each **intelligent** utility unit with power consuming units for providing data on power usage and power control.

22/3,K/1 (Item 1 from file: 344)  
DIALOG(R)File 344:Chinese Patents ABS  
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4179238

**METHOD FOR SENDING E-MAIL MESSAGES IN A LOCAL AREA NETWORK, AND DEVICE FOR APPLYING SAME**

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (KR)  
Author (Inventor): KIM IN-HWAN (KR); KONSTANTIN VITALIEVICH VYAZNIKOV (KR);  
ALEXANDR MIKHAILOVICH POTRYVAEV (KR)

Patent Family:

CC	Number	Kind	Date
CN	1209239	A	990224 (Basic)

Application Data:

CC	Number	Kind	Date
*CN	96180035	A	961216

22/3,K/2 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05850872 \*\*Image available\*\*  
**ELECTRONIC MAIL SERVICE MANAGER WITH AUTHENTICATING FUNCTION**

PUB. NO.: 10-133972 [JP 10133972 A]  
PUBLISHED: May 22, 1998 (19980522)  
INVENTOR(s): HASEGAWA AKIRA  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-305791 [JP 96305791]  
FILED: October 31, 1996 (19961031)

**ELECTRONIC MAIL SERVICE MANAGER WITH AUTHENTICATING FUNCTION**  
...JAPIO CLASS: Memory Units )

**ABSTRACT**

... transferring file by means of an electronic mail server by reducing the traffic of a network .

...

...SOLUTION: An electronic mail client 1 transmits an electronic mail text added with a file transferring script including positional information of a file and the name of...

... 12 and authenticates the permission of access with respect to an electronic mail client 1' requesting reception to the transferred file based on the file transferring script and mail header information

22/3,K/3 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05748536 \*\*Image available\*\*  
**ELECTRONIC MAIL SERVICE MANAGER HAVING FILE SERVER MANAGEMENT FUNCTION**

PUB. NO.: 10-031636 [JP 10031636 A]  
PUBLISHED: February 03, 1998 (19980203)  
INVENTOR(s): HASEGAWA AKIRA  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-203112 [JP 96203112]  
FILED: July 12, 1996 (19960712)

**ELECTRONIC MAIL SERVICE MANAGER HAVING FILE SERVER MANAGEMENT FUNCTION**

...JAPIO CLASS: Memory Units ); 44.3 (COMMUNICATION...

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the traffic of a **network** that is caused in the **transmission** of an **electronic mail** having the **additional** binary data by analyzing the file information on the received electronic mail and performing the...

...SOLUTION: An electronic mail processing part 11 of an electronic mail service **manager** 5 receives an electronic mail from an electronic mail client 1 and then reads, interprets and processes the file transfer **command** script added to the received **electronic mail** via a file transfer **command** script processing part 12. Then the part 11 receives the file transferred from the client...

22/3,K/4 (Item 3 from file: 347)

DIALOG(R) File 347:JAPIO

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05265839 \*\*Image available\*\*

**DISTRIBUTION SYSTEM FOR DATA FOR ELECTRONIC BOOK**

PUB. NO.: 08-221339 [JP 8221339 A]

PUBLISHED: August 30, 1996 (19960830)

INVENTOR(s): KAYA TOYONORI

APPLICANT(s): TAITO CORP [425320] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 07-050381 [JP 9550381]

FILED: February 16, 1995 (19950216)

**DISTRIBUTION SYSTEM FOR DATA FOR ELECTRONIC BOOK**

...JAPIO CLASS: Memory Units ); 45.3 (INFORMATION PROCESSING...

...Input Output Units ); 45.4 (INFORMATION PROCESSING...

ABSTRACT

PURPOSE: To acquire desired book data at need by **requesting** book data by inputting a number similarly as in the **request** of KARAOKE music and registering it on an IC card by an IC card writer...

... be used in an electronic book is accumulated. The document data for electronic book is **transmitted** periodically from a publisher to the KARAOKE base station 3 via a communication channel. A customer inputs the number as observing a document name/music name correspondence number **directory** K, and orders the music and the electronic book (document data) to the KARAOKE base...

...IC card writer 40 since the data at the leading position of which B is **attached** shows the **data** for **electronic** book, and the IC card writer 40 writes the document data on the IC card...

22/3,K/5 (Item 4 from file: 347)

DIALOG(R) File 347:JAPIO

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05226691 \*\*Image available\*\*

**POWER SOURCE ADAPTER**

PUB. NO.: 08-182191 [JP 8182191 A]

PUBLISHED: July 12, 1996 (19960712)

INVENTOR(s): UMANO BUNJI

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)

HITACHI COMPUT ENG CORP LTD [472484] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 06-337372 [JP 94337372]  
FILED: December 26, 1994 (19941226)

...JAPIO CLASS: **Transmission & Distribution**; 30.2 (MISCELLANEOUS  
GOODS...)

...Equipment ); 43.2 (ELECTRIC POWER

**ABSTRACT**

PURPOSE: To selectively form DC power sources of various specifications to be supplied without switch operation by inserting a power source information unit attached to an electronic apparatus to the power source information unit socket of a power source adapter...

...CONSTITUTION: A power source information unit PIU is engraved on upper and lower parts with power source information having selective meaning...

...DC voltage information IDCV, DC current information IDCI and DC polarity information IDCP from the unit PIU inserted to a power source information unit socket SPIU, and transmits it to a controller CTLU. The controller CTLU controls the operations of an AC-DC converter ADCV and a DC output selector POSW. That is, the information unit attached to an electronic apparatus EEQP is merely inserted to an electronic information unit socket to selectively and automatically obtain the DC power source to be supplied to the apparatus EEQP.

22/3,K/6 (Item 5 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04064400 \*\*Image available\*\*  
**DATA TRANSMISSION CONTROLLER BETWEEN ELECTRONIC DEVICES**

PUB. NO.: 05-056100 [JP 5056100 A]  
PUBLISHED: March 05, 1993 (19930305)  
INVENTOR(s): MATSUBARA FUMIHIKO  
APPLICANT(s): NEC HOME ELECTRON LTD [000193] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 03-236959 [JP 91236959]  
FILED: August 23, 1991 (19910823)  
JOURNAL: Section: E, Section No. 1395, Vol. 17, No. 359, Pg. 108, July 07, 1993 (19930707)

**DATA TRANSMISSION CONTROLLER BETWEEN ELECTRONIC DEVICES**

**ABSTRACT**

PURPOSE: To send data easily between specific devices without use of an exclusive interface when data are sent between electronic devices such as personal computers...

...CONSTITUTION: A setting circuit 1 sets an identification code of its own and opposite electronic devices. A transmission data generating circuit 3 adds the identification code to the data to generate the transmission data. A transmission circuit 5 sends the transmission data to a transmission equipment 9. A reception circuit 11 demodulates the transmission data from the transmission network 9 and outputs the result to a detection circuit 13. The detection circuit 13 outputs a detection signal when the circuit 13 detects the identification code addressed to itself. A transmission control circuit 7 controls the transmission data generating circuit 3 so as to add the identification code at the start of connection and at data transmission, and when the detection circuit 13 outputs the detection signal, the control circuit controls transmission reception circuits 5, 11 to keep the connection between its own and opposite electronic devices.

22/3,K/7 (Item 6 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03923340 \*\*Image available\*\*  
CENTRAL CONTROL SYSTEM FOR AIR CONDITIONER

PUB. NO.: 04-288440 [JP 4288440 A]  
PUBLISHED: October 13, 1992 (19921013)  
INVENTOR(s): TAKAHASHI ISAO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 03-052286 [JP 9152286]  
FILED: March 18, 1991 (19910318)  
JOURNAL: Section: M, Section No. 1372, Vol. 17, No. 96, Pg. 10,  
February 25, 1993 (19930225)

ABSTRACT

... it possible to set an address in automatic mode by inputting automatic setting to a **remote controller** without any double address setting even when a plurality of air conditioning unit are additionally connected with a bus communication network .

...  
...CONSTITUTION: When an address automatic setting switch for a **remote controller** 1a is input, an automatic setting command 'a' is output to the whole indoor **equipment** . The indoor **equipment** transmits a command 'd' to a central **controller** 3 and the other indoor **equipment** to interrupt the bus communication temporality of a command 'e' to cancel the interruption. On the other hand, the **remote controller** 1a outputs an automatic setting command 'a' by means of an address automatic setting switch 4 and then outputs a setting start command 'b' to each indoor **equipment** one by one by means of an address setting command section 7. Indoor **equipment** 15 sets a virtual address and transmits data to the other indoor **equipment** separately and detects the answerback of separated transmission transmitted from a response section 14 of the other **equipment** by means of a double setting detector section 11 and changes the virtual address and keeps separated transmission until all the answerbacks disappear. The virtual address without any answerback is set and registered

22/3,K/8 (Item 7 from file: 347)  
DIALOG(R) File 347:JAPIO  
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00933651 \*\*Image available\*\*  
AUDIO RESPONSE MODULATOR AND DEMODULATOR

PUB. NO.: 57-083951 [JP 57083951 A]  
PUBLISHED: May 26, 1982 (19820526)  
INVENTOR(s): TAKITA SEIICHIRO  
MORI NOBUMASA  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 55-159118 [JP 80159118]  
FILED: November 12, 1980 (19801112)  
JOURNAL: Section: E, Section No. 127, Vol. 06, No. 164, Pg. 95, August  
27, 1982 (19820827)

...JAPIO CLASS: Transmission Systems); 44.4 (COMMUNICATION...

...Input Output Units )

ABSTRACT

... incorporating an audio response mechanism in an MODEM, which can detect the fault of the **electronic computer**, in a **data communication system**

using a public communication network .

...

... changeover switch 16 is placed at the side of a modulating-demodulating mechanism 13; and signals are transmitted from a network controller 3 through two lines, and a signal CI for access display is transmitted to the modulating-demodulating mechanism 13 through one line, thereby returning a signal CML for circuit connection command to the network controller 3. If the computer 1 is troubled and a terminal ready signal ER for the modem 13 turns off, a fault detecting circuit 15 detects that to ...

... audio response mechanism 14. At this time, when there is access from a terminal, the signal CI is sent to the audio response mechanism 14. The mechanism 14 sends a signal CML and, at the same time, controls a voice synthesizing circuit to synthesize a voice for requesting reaccess recorded in advance, thereby sending the voice signal to a signal line.

22/3,K/9 (Item 8 from file: 347)  
DIALOG(R) File 347:JAPIO  
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00748527 \*\*Image available\*\*  
DATA TRANSMISSION CONTROL PROCESSOR

PUB. NO.: 56-068827 [JP 56068827 A]  
PUBLISHED: June 09, 1981 (19810609)  
INVENTOR(s): MURAKAMI ATSUMICHI  
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 54-145221 [JP 79145221]  
FILED: November 08, 1979 (19791108)  
JOURNAL: Section: P, Section No. 76, Vol. 05, No. 130, Pg. 74, August 20, 1981 (19810820)

DATA TRANSMISSION CONTROL PROCESSOR  
...JAPIO CLASS: Input Output Units ); 22.3 (MACHINERY...

...Transmission Systems); 44.3 (COMMUNICATION

#### ABSTRACT

PURPOSE: To ensure a highly efficiency operation for both the remote sensing and the remote control, by securing a pass-through of the multibus of the micro CPU for the transmission line of the picture data or the like and transmitting the data under control of the direct memory access controller .

...

...CONSTITUTION: In case the remote sensing data such as the picture data or the like is transmitted , the micro CPU201 designates both the head address and the transmission word number of the control data in the data memory 207 via the direct memory access DMA controller 214 and then designates the transmission code length of the data according to the transmission control to the transmission controller 219. On the other hand, in the case of reception, the CPU201 sets previously the storing region of the received data , i.e., the head address of the data memories 222 and 225 for the picture data and the head address of the memory 207 plus the data word length of one frame to the CMA controller 214. Thus the data is transmitted under the control of the controller 214 to ensure a highly efficient operation for both the remote sensing and the remote control.

22/3,K/10 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent  
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012564479 \*\*Image available\*\*

WPI Acc No: 1999-370585/199931

Related WPI Acc No: 1995-170410; 1998-100563; 1999-105368; 1999-131548;  
1999-179531; 1999-228862; 2000-136532; 2000-181897

XRPX Acc No: N99-276314

**ATM adapter circuit in network switching system for digital computer**

Patent Assignee: LSI LOGIC CORP (LSIL-N)

Inventor: DAANE J P; DESAI S; ROSTOKER M D; STELLIGA D T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5914955	A	19990622	US 93139551	A	19931020	199931 B
			US 94354682	A	19941208	
			US 95389601	A	19950216	
			US 95412861	A	19950328	

Priority Applications (No Type Date): US 95412861 A 19950328; US 93139551 A  
19931020; US 94354682 A 19941208; US 95389601 A 19950216

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5914955	A	68	H04L-012/40	CIP of application US 93139551
				CIP of application US 94354682
				CIP of application US 95389601
				CIP of patent US 5446726
				CIP of patent US 5708659

### **ATM adapter circuit in network switching system for digital computer**

Abstract (Basic):

... The segmentation and assembly units are connected to buffer memory (594) for transmitting and receiving data in ATM format. A synchronous optical network, synchronous digital hierarchy frame unit (591) connected to the convergence unit, receives and transmits the ATM data packets.

... An ATM transmission convergence unit (592) interfaces with ATM network (590) for receiving and transmitting ATM data packets to and from an ATM segmentation and assembly unit (593). A PCI controller and FIFO (595) in communication with PCI bus, transmits data in PCI bus format and is coupled to the buffer memory, where the data is stored. A microprocessor (596) connected to the PCI controller, helps in converting data from ATM format to PCI format. The PCI controller and FIFO, buffer memory, microprocessor, ATM segmentation and assembly unit, ATM transmission convergence unit and SONET/SDH framer unit are formed on a single chip, which further includes physical layer dependent unit for ATM network line trancieving and clock recovery operations .

...

...For allowing computers to share resources, access information of huge stores, to communicate via e-mail , share data and transfer files...

...The maximum transmission rate in response to a sensed congestion condition in the network, is automatically reduced. A reduced instruction set computer (RSIC) microprocessor controls the DMA and transfer between the memory. The operating program...

...SONET/SDH framer unit (591...

...ATM transmission convergence unit (592...

...PCI controller and FIFO (595

...Title Terms: NETWORK ;

22/3,K/11 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent

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012135990 \*\*Image available\*\*

WPI Acc No: 1998-552902/199847

XRPX Acc No: N98-431658

Remote **operating system for VTR** - includes remote controller which transmits e-mail including operating information for recording and reproducing unit

Patent Assignee: BROTHER KOGYO KK (BRER )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10247345	A	19980914	JP 9751480	A	19970306	199847 B

Priority Applications (No Type Date): JP 9751480 A 19970306

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10247345	A	10	G11B-015/02		

Remote **operating system for VTR**...

...includes remote controller which transmits e-mail including operating information for recording and reproducing unit

...Abstract (Basic): mail receiver which receives an e-mail containing information for operating a recording and reproducing unit . An interpreter generates an operating signal for the recording and reproducing unit , using the operating information contained in the e-mail .

...

...A controller controls the operation of the recording and reproducing unit based on the operating signal . A remote controller transmits the e-mail including the operating information for the recording and reproducing unit .

...

...ADVANTAGE - Performs remote operation of recording and reproducing unit simply and reliably. Enables easy confirmation of operation of recording and reproducing unit in remote place. Avoids complication in structure of recording and reproducing unit .

Title Terms: REMOTE ;

22/3,K/12 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent

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012035969 \*\*Image available\*\*

WPI Acc No: 1998-452879/199839

XRPX Acc No: N98-353784

Network circulation system for computer using E-mail - includes HTML production unit which produces HTML document based on modification notification sent by circulation object

Patent Assignee: CASIO COMPUTER CO LTD (CASK )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10190719	A	19980721	JP 96344156	A	19961224	199839 B

Priority Applications (No Type Date): JP 96344156 A 19961224

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 10190719 A 10 H04L-012/54

Network circulation system for computer using E-mail - ...

...includes HTML production unit which produces HTML document based on modification notification sent by circulation object

...Abstract (Basic): The system includes an HTML production unit (12) which produces HTML document and exhibits it on a web server (13) as contents of circulation. A controller (11) controls the display of HTML document based on circulation list (17) and a list...

...A mail transmitting unit (15) transmits a modification notification for production of HTML document, which is received by a circulation object and is then input to a CGI execution unit (14). The contents of the HTML document is updated based on the modification notification, and...

...ADVANTAGE - Enables easy circulation of information. Enables stoppage of circulation based on stop command .

Title Terms: NETWORK ;

22/3,K/13 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent  
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012001748 \*\*Image available\*\*  
WPI Acc No: 1998-418658/199836

XRPX Acc No: N98-326388

Data processing system for e-mail using facsimile in computer communication network - selects optimum transmission tip address based on which optimum transmission indication data is produced and transmitted along with message data

Patent Assignee: CANON KK (CANO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10171729	A	19980626	JP 96332589	A	19961213	199836 B

Priority Applications (No Type Date): JP 96332589 A 19961213

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 10171729 A 18 G06F-013/00

Data processing system for e-mail using facsimile in computer communication network - ...

...selects optimum transmission tip address based on which optimum transmission indication data is produced and transmitted along with message data

...Abstract (Basic): The system receives message transmitted by several transmitters through a predetermined transmission medium. A memory stores operation schedule data of receiving unit which receives message request data in memory, based on the message data to be transmitted . A selection unit (2) chooses optimum transmission tip address in the memory, based on the message request data received...

...Based on the selected transmission tip address, the operation schedule is searched. A production unit outputs optimum transmission indication data based on the selected tip address. A transmission controller regulates transmission of both the message data and the optimum transmission indication data...

...Title Terms: NETWORK ;

22/3, K/14 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent

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011946228 \*\*Image available\*\*

WPI Acc No: 1998-363138/199831

XRPX Acc No: N98-283515

**Local area transmission of E-mail messages - includes forming of routing list based on periodic sending of service messages by each unit, and evaluation of accessibility of units by static processing of service messages**

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU )

Inventor: GNEDOVSKY M J; INHWAN K; KRASNONOSENKIKH D P; POTRYVAEV A M;  
VYAZNIKOV K V

Number of Countries: 066 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9827690	A1	19980625	WO 96RU348	A	19961216	199831 B
AU 9721828	A	19980715	WO 96RU348	A	19961216	199846
			AU 9721828	A	19961216	
EP 918413	A1	19990526	EP 96946326	A	19961216	199925
			WO 96RU348	A	19961216	
CN 1209239	A	19990224	CN 96180035	A	19961216	199927
			WO 96RU348	A	19961216	
JP 2000507791	W	20000620	WO 96RU348	A	19961216	200036
			JP 98527578	A	19961216	

Priority Applications (No Type Date): WO 96RU348 A 19961216

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9827690 A1 R 20 H04L-012/28

Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TR TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

AU 9721828 A H04L-012/28 Based on patent WO 9827690

EP 918413 A1 E H04L-012/28 Based on patent WO 9827690

Designated States (Regional): DE GB

CN 1209239 A H04L-012/28

JP 2000507791 W 17 H04L-012/54 Based on patent WO 9827690

**Local area transmission of E-mail messages...**

**...includes forming of routing list based on periodic sending of service messages by each unit, and evaluation of accessibility of units by static processing of service messages**

**...Abstract (Basic):** The method involves a user reading or writing a message for **transmission** using the corresponding **device**, such as a scanner (7) connected to computers (8,9). The recorded message is converted into E-mail format and is **transmitted** through the communication channel of a message processing system to the **transmitting** side. When the converted message reaches a working machine (10), an E-mail mode is realised and a **directors control unit** (11) obtains a **request** of the address of the E-mail corresponding to the number of a fax...

**...The control unit** locates the corresponding address of the E-mail and the working machine (10) **transmits** the converted message through a common telephone circuit (2). A working machine (12) records the...

**...during a maximum value of which the message is converted into a fax message and transmitted to a gateway (13) with a transmitting and receiving function. The converted message is transmitted to a fax machine (5) and through a switching normal telephone circuit (4) using**

the...

...USE - For processing and **transmission** of E-mail messages in local network along dynamic route...

...ADVANTAGE - Better **transmission** reliability without use of **directors control device** .

...Title Terms: **TRANSMISSION** ;

22/3,K/15 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent

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011739706 \*\*Image available\*\*

WPI Acc No: 1998-156616/199814

XRPX Acc No: N98-125241

**Facsimile for transmitting and receiving image data via communication circuit - has central controller that appends sending ballot provided in received electronic mail to address of facsimile number input from operation display and added to image data input by scanner**

Patent Assignee: RICOH KK (RICO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10028188	A	19980127	JP 96182091	A	19960711	199814 B

Priority Applications (No Type Date): JP 96182091 A 19960711

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10028188	A	10	H04N-001/00	

**Facsimile for transmitting and receiving image data via communication circuit...**

**...has central controller that appends sending ballot provided in received electronic mail to address of facsimile number input from operation display and added to image data input by scanner**

...Abstract (Basic): plotter (3). A LAN connection interface (11) receives an electronic mail from an external terminal **equipment** .

...

...The **sending** ballot provided in the received electronic mail is **appended** by a central **controller** (6) to a facsimile number input from an **operation** display unit (OPU) (1), and added to the image data entered by the scanner...

...ADVANTAGE - Reduces facsimile **transmission** work

...Title Terms: **TRANSMIT** ;

22/3,K/16 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent

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011670373 \*\*Image available\*\*

WPI Acc No: 1998-087282/199808

XRPX Acc No: N98-069293

**Public network merchandising and payment system using secure data router e.g. using Internet - has processor server for band or credit card transactions, merchant or service provider system manager, and customer unit for inputting transaction request and payment data**

Patent Assignee: ALLSOFT DISTRIBUTING INC (ALLS-N)

Inventor: COLVIN B

Number of Countries: 077 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9800948	A1	19980108	WO 97US11649	A	19970627	199808 B
AU 9735151	A	19980121	AU 9735151	A	19970627	199825
US 5825881	A	19981020	US 96671734	A	19960628	199849

Priority Applications (No Type Date): US 96671734 A 19960628

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9800948 A1 E 25 H04L-009/00

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9735151 A H04L-009/00 Based on patent WO 9800948

US 5825881 A H04L-009/00

Public network merchandising and payment system using secure data router e.g. using Internet - ...

...has processor server for band or credit card transactions, merchant or service provider system manager, and customer unit for inputting transaction request and payment data

...Abstract (Basic): The merchandising system for performing a transaction over a network has a merchant or service supplier system, a payment processing system and a customer system. The latter has a device for sending a transaction data packet to the merchant system over the network that contains information required by the merchant to process the transaction. A device sends a payment transaction to the payment processing system for handling the transaction...

...data packet includes confidential information which is not included in the merchant data packet. The network is a public network, and may comprise the Internet. All three systems communicate in encrypted form, and via a master key server...

...Title Terms: NETWORK ;

22/3,K/17 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent

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011577995 \*\*Image available\*\*

WPI Acc No: 1997-554476/199751

XRPX Acc No: N97-462038

Luggage sorting apparatus with automatic identification system for e.g. luggage distribution industry - has reception controller that judges dispensing signal indicating luggage destination data, so that disbursing device will dispense luggage to predetermined chute

Patent Assignee: SANKI KOGYO KK (SAOF )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9267913	A	19971014	JP 9699646	A	19960329	199751 B

Priority Applications (No Type Date): JP 9699646 A 19960329

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 9267913 A 6 B65G-047/48

Luggage sorting apparatus with automatic identification system for e.g. luggage distribution industry...

...has reception controller that judges dispensing signal indicating luggage destination data, so that disbursing device will dispense luggage to predetermined chute

...Abstract (Basic): The apparatus has a supply unit (30) which supplies luggage (50) to tray device that is provided with several sorting machines (20...).

...A reading and writing device , provided along the supply unit , writes and read the destination data on each luggage to a transmission unit (28) of the sorting machine. A reception controller (35) judges the dispensing signal from the transmission unit . A disbursing device (32) dispenses the luggage to predetermined chute based on the judgment result...

...position data need not be performed. Ensures highly effective luggage sorting by ID and destination data are read using e.g. portal antenna...

...Title Terms: APPARATUS ;

22/3,K/18 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent

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011498905 \*\*Image available\*\*

WPI Acc No: 1997-476818/199744

XRPX Acc No: N97-397602

Electronic mail apparatus e.g. personal computer, work station, facsimile - transmits electronic mail appended from file data, which is compressed by execution of compression program selected based on compression table, through network unit

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9223052	A	19970826	JP 9630579	A	19960219	199744 B

Priority Applications (No Type Date): JP 9630579 A 19960219

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9223052	A	6	G06F-012/00	

Electronic mail apparatus e.g. personal computer, work station, facsimile...

... transmits electronic mail appended from file data, which is compressed by execution of compression program selected based on compression table, through network unit

...Abstract (Basic): The apparatus has an identifier which shows the format of a file data to a compression table...

...a memory (30). A file input-output circuit (40) stores a file data, and a network unit (50) is connected to a local network . A controller (10) regulates the transmission and reception of electronic mail. Compression and decompression programs are described by the compression table...

...The file data are compressed through the execution of the compression program selected with reference to the compression table, when the local network is used and the file data in which the identifier is provided are transmitted . The compressed file data are appended to electronic mail and transmitted through the network unit .

...

...ADVANTAGE - Enables reliable and easy repeated use of file data in which compression transmission is performed. Improves efficiency of data transmission and reception since file data are compressed by optimum method. Eliminates deterioration of operation in connection with data compression by eliminating data decompression process

...Title Terms: APPARATUS ;

22/3,K/19 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent

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011240062 \*\*Image available\*\*

WPI Acc No: 1997-217965/199720

**Information reproducing appts in music data editing system - transmits virtual address information to remote terminal through interface circuit during virtual reproduction**

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9063247	A	19970307	JP 95233406	A	19950818	199720 B

Priority Applications (No Type Date): JP 95233406 A 19950818

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9063247	A	9		G11B-027/034	

... transmits virtual address information to remote terminal through interface circuit during virtual reproduction

...Abstract (Basic): The information reproducing appts (3) includes a remote interface circuit (13), through which instruction from remote terminal (9) of an editing appts (1) is received. The received information is fed to a system controller (14). The system controller then controls a control circuit (13) and reproduction circuit (17), and sets an address information to the address generating circuit. At the time of virtual reproduction, the system controller sets the virtual address information to the address generating circuit...

...The virtual address information from the address generating circuit is transmitted to the remote terminal through the interface circuit. The information signal from the reproduction circuit (17) is transmitted to the information input terminal (11) of the editing appts through an information transmission circuit (18...

...Title Terms: APPARATUS ;

22/3,K/20 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent

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011093425 \*\*Image available\*\*

WPI Acc No: 1997-071350/199707

XRPX Acc No: N97-059129

Network controller using telephone circuit for e.g. voice service, data communication - has data transceiver which performs data communication between terminal and telephone circuit through communication channel, formed by channel formation device, based on indication from dialing device

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8317076	A	19961129	JP 95119409	A	19950518	199707 B

Priority Applications (No Type Date): JP 95119409 A 19950518

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8317076	A	10		H04M-011/00	

Network controller using telephone circuit for e.g. voice

service, data communication...

...performs data communication between terminal and telephone circuit through communication channel, formed by channel formation device, based on indication from dialing device

...Abstract (Basic): The controller (1) has a talking path setting manual circuit (6) which determines whether a talking path is formed by a talking path formation circuit (2) to user operation. A manual closing motion display unit (8) notifies whether the talking path is formed to a terminal. A telephone number designated as a connection demand to the talking path is transmitted as a selecting signal by a dialing device (5) after forming the talking path to the terminal  
...

...the talking path is not formed from the notification of the manual closing motion display unit when the terminal performs data communication. The data communication is performed by a data transceiver...

...the terminal and the telephone circuit through a communication channel formed by a channel formation device (3) based on the indication of the dialing device .  
...

...and data communication without generating impedance mismatching. Prevents making voice small and obtains simple integrated operation system. Provides good system with versatility of telephone and enables utilising personal computer as terminal

Title Terms: NETWORK ;

22/3,K/21 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent

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011011097 \*\*Image available\*\*

WPI Acc No: 1996-508047/199651

XRPX Acc No: N96-428077

SDH optical data transmission ring network - has two optical fibres which send information in opposite directions and pass through add-drop multiplexers positioned at nodes and controlled by network manager

Patent Assignee: FRANCE TELECOM (ETFR ); BLAIN L (BLAI-I); HAMEL A (HAME-I); SUTTER A (SUTT-I)

Inventor: BLAIN L; HAMEL A; SUTTER A

Number of Countries: 005 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 743772	A1	19961120	EP 96401052	A	19960514	199651	B
FR 2734437	A1	19961122	FR 955834	A	19950517	199703	
US 5760934	A	19980602	US 96643459	A	19960508	199829	

Priority Applications (No Type Date): FR 955834 A 19950517

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 743772 A1 F 14 H04J-014/02

Designated States (Regional): DE GB IT

FR 2734437 A1 H04L-012/42

US 5760934 A H04J-014/02

SDH optical data transmission ring network - ...

...has two optical fibres which send information in opposite directions and pass through add-drop multiplexers positioned at nodes and controlled by network manager

...Abstract (Basic): The network includes a number of electronic add-drop multiplexers (ME1-ME4) and a first aggregate data transmission

interface (E) which inserts information into a first fibre (F1) and extracts information from a second fibre (F2). A second aggregate data transmission interface (O) inserts information into the second fibre and extracts it from the first. At...

...ADVANTAGE - Increases capacity and reduces equipment required for low cost network. Organisation is independent of node order to protect against damage to communication link...

...Title Terms: TRANSMISSION ;

22/3,K/22 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent

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010752465 \*\*Image available\*\*

WPI Acc No: 1996-249420/199625

XRPX Acc No: N96-209673

**Image input unit e.g. scanner - has electronic mail transmitter that transmits image data through electronic mail by adding transmission destination address information that reads image data of memory**

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8102837	A	19960416	JP 94236743	A	19940930	199625 B

Priority Applications (No Type Date): JP 94236743 A 19940930

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8102837	A	11	H04N-001/32	

**Image input unit e.g. scanner...**

...has electronic mail transmitter that transmits image data through electronic mail by adding transmission destination address information that reads image data of memory

...Abstract (Basic): The unit (100) reads an image and outputs an image data when the reading start button of a scanner controller (102) is pressed. The image data is stored in a memory (103). A display controller (105) selects and displays the image data sent by a scanner (101) on a display (104). A key pad (106) is provided as the input for transmission destination of an electronic mail...

...A key pad controller (107) outputs the equivalent ASCII code corresp. to the input from the key pad. An electronic mail transmitter (108) outputs an electronic mail by adding the transmission destination address information on an electronic mail that reads the image data of the memory from the key pad. A network connector outputs the signal sent by the electronic mail transmitter to a network .

...

...ADVANTAGE - Memory with low storage capacity can be used since load of network is reduced. Transmits input image data to several partners by direct electronic mail from image input unit .

...Title Terms: UNIT ;

22/3,K/23 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent

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010344496 \*\*Image available\*\*

WPI Acc No: 1995-246584/199532  
XRPX Acc No: N95-191486

Data communications device having user programmable multichannel pager or electronic mail receiver - has modem circuitry supporting data and voice transmission, with RF controller processing frequency change control signal to enable tuning to desired channel

Patent Assignee: NOVALINK TECHNOLOGIES INC (NOVA-N); FLAT CONNECTIONS INC (FLAT-N)

Inventor: CHANG W Y; KRISHAN B

Number of Countries: 059 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9518491	A2	19950706	WO 94US14926	A	19941222	199532	B
AU 9515193	A	19950717	AU 9515193	A	19941222	199544	
WO 9518491	A3	19950817	WO 94US14926	A	19941222	199619	
US 5822692	A	19981013	US 93174797	A	19931229	199848	
			US 96706521	A	19960904		

Priority Applications (No Type Date): US 93174797 A 19931229; US 96706521 A 19960904

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9518491	A2	E	53	H04B-001/38	

Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ

AU 9515193	A	H04B-001/38	Based on patent WO 9518491
US 5822692	A	H04Q-007/00	Cont of application US 93174797
WO 9518491	A3	H04B-001/38	

Data communications device having user programmable multichannel pager or electronic mail receiver...

...has modem circuitry supporting data and voice transmission, with RF controller processing frequency change control signal to enable tuning to desired channel

...Abstract (Basic): The data communication device has an antenna for receiving RF signals. A RF receiver is tunable between several channels, and demodulates the RF signals into digital data corresp. to a message. The receiver senses channel selection control data that ...

...decoder determines if the message is addressed to a partic. user, and a channel switching device receives a frequency-change control command that corresponds to a user-selected channel. A Rf controller processes the frequency change control command to generate channel selection control data, which it passes to the receiver to cause it...

...ADVANTAGE - User can update firmware or it can be updated remotely using pager or e-mail receiver. Uses only single slot or port of host computer. Prevents local telephone office from placing 'fast busy' signal on telephone line. Allows user to scan more than one pager channel...

...Title Terms: DEVICE ;

22/3,K/24 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent

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009521144 \*\*Image available\*\*

WPI Acc No: 1993-214685/199327

XRPX Acc No: N93-165001

Electronic information exchange system using TV network - uses

controller to select and store information and domestic TV set to view such data, with controller programmed via remote control unit, also governing TV set

Patent Assignee: WHEELER R W (WHEE-I)

Inventor: WHEELER R W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2059366	A	19930424	CA 2059366	A	19920115	199327 B

Priority Applications (No Type Date): US 91781386 A 19911023

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 2059366	A	39	H04N-007/08	

Electronic information exchange system using TV network - ...  
...uses controller to select and store information and domestic TV set  
to view such data, with controller programmed via remote control  
unit, also governing TV set

...Abstract (Basic): The informaiton exchange system includes a device which receives and stores information at a central data base, and a transmitter outputting the stored information over a unidirectional communications channel. A local information exchange has a...

...A display for the selected information has an interface connected to a television set, and a controller governs the selector and the display. A remote control unit is used to program the controller, and a bidirectional channel communicates information from the local exchange to a remote receiver, under instruction from the controller.

...Title Terms: TELEVISION ;

22/3,K/25 (Item 16 from file: 350)

DIALOG(R) File 350:Derwent

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009430074 \*\*Image available\*\*

WPI Acc No: 1993-123590/199315

XRPX Acc No: N98-260501

Office information system containing multiple work stations connected via network - includes transmitter for attaching control information to E-mail and sending information via mail route specified in control information

Patent Assignee: HITACHI LTD (HITA )

Inventor: AOYAMA T; HAGA H; MASUI S; OBA M; TANIGUCHI Y; TSUJI H; WAKAYAMA S

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 5063728	A	19930312	JP 91222693	A	19910903	199315 B
US 5764898	A	19980609	US 92937748	A	19920901	199830
US 6047315	A	20000404	US 92937748	A	19920901	200024
			US 9865462	A	19980424	

Priority Applications (No Type Date): JP 91222693 A 19910903

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 5063728	A	12	H04L-012/54	

US 5764898	A	15	G06F-013/00	
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US 6047315	A		G06F-013/00	Div ex application US 92937748
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				Div ex patent US 5764898
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Office information system containing multiple work stations connected via network - ...

...includes transmitter for attaching control information to E-mail and sending information via mail route specified in control information

...Abstract (Basic): The system includes a definition unit operable as a sending work station for defining control information specifying a mail route, one authorized user in each...

...and authorized to be conducted by various authorized user in each receiving work station. A transmitter attaches the control information to electronic mail for sending the information attached electronic mail via the mail route specified in the control information...

...A memory stores the information of an operation log containing an action for the mail conducted by the authorized user of each receiving work station. A controller refers to both the defined control information received from the transmitting work station and the log information from its own memory thereby guiding the authorized user...

...Title Terms: NETWORK ;

22/3,K/26 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent

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009025477 \*\*Image available\*\*

WPI Acc No: 1992-152837/199219

XRPX Acc No: N92-114021

**Address recognition system for communication network - uses identifier frame within data and recognition circuit at receiving electronic module**

Patent Assignee: REGIE NAT USINES RENAULT (RENA )

Inventor: ARTHUR P; MERCIER O; ARTUR P

Number of Countries: 006 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 484212	A	19920506	EP 91402854	A	19911025	199219 B
FR 2668624	A1	19920430	FR 9013436	A	19901030	199227
EP 484212	B1	19960724	EP 91402854	A	19911025	199634

Priority Applications (No Type Date): FR 9013436 A 19901030

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 484212 A F 8

EP 484212 B1 F 8 G08C-015/00

Designated States (Regional): BE DE ES GB IT

**Address recognition system for communication network -**

...Abstract (Basic): Data is transmitted in the form of frames of digital signals comprising a field identifier and a data field. The device includes a selection identifier (1) outside a transmission protocol controller . A link (2) is provided to load the selection device with the identifier field of an examined signal frame in the controller .

...

...A volatile memory is provided in the selection device to be loaded with one or more identifiers to be recognised, and there is a...

...USE - Multiplex communication network for local communication within vehicle

...Abstract (Equivalent): Device for recognition of addresses for an electronic module for processing data transmitted according to a pre-determined protocol, verified by a protocol controller , in the form of frames of digital signals comprising an identifier field containing an address and a data field, characterised in that it comprises a unit for selecting an identifier (1), external to the protocol controller , means (2) for connecting the protocol

controller and the selection unit for loading the unit with the field identifying a signal frame examined in the controller, a random access memory provided in the selection unit (1), for being loaded with one or more pre-determined identifiers to be recognised and ...

...for comparing the identifiers received and the identifiers placed in the memory to form a signal (ADE) intended for the protocol controller and representative of whether the field received is recognised or not

...Title Terms: NETWORK ;

22/3, K/27 (Item 18 from file: 350)

DIALOG(R) File 350:Derwent

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009025280 \*\*Image available\*\*

WPI Acc No: 1992-152640/199219

XRPX Acc No: N92-113876

ASCII to ASCII transfer between computers using fax protocol - converts file to fax graphical image, transmits it using standard fax protocol, then converts received file back to ASCII

Patent Assignee: HEWLETT-PACKARD CO (HEWP); KOCHIS R L (KOCH-I)

Inventor: CHAVEZSIMM M A; KOCHIS R L; CHAVEZ-SIMMONS M A

Number of Countries: 004 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 483984	A	19920506	EP 91309152	A	19911007	199219	B
JP 4289943	A	19921014	JP 91286260	A	19911031	199248	
US 5218458	A	19930608	US 90606250	A	19901031	199324	
EP 483984	A3	19920826	EP 91309152	A	19911007	199337	
EP 483984	B1	19960911	EP 91309152	A	19911007	199641	
DE 69122033	E	19961017	DE 622033	A	19911007	199647	
			EP 91309152	A	19911007		

Priority Applications (No Type Date): US 90606250 A 19901031

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 483984 A E 14

US 5218458 A 12 H04M-011/00

EP 483984 B1 E 15 H04N-001/00

Designated States (Regional): DE GB

DE 69122033 E H04N-001/00 Based on patent EP 483984

JP 4289943 A G06F-013/00

... converts file to fax graphical image, transmits it using standard fax protocol, then converts received file back to ASCII

...Abstract (Basic): The system transfers an ASCII data file, e.g. via a switched telephone network, between computers respectively connected to FAX transmitting and receiving facilities. The system directs, e.g. by file transfer command, the FAX transmitting facility to convert the data from the first computer into a FAX graphical image and send that to the FAX receiving facility...

...The system similarly directs the FAX receiving facility to send the received FAX image to the second computer, where it is converted back to an...

...capable of using the CCITT standard FAX protocol rather than be independently capable of directly transmitting an ASCII file. Noise introduced by printing and rescanning eliminated

...Abstract (Equivalent): first computer system (202) to a second computer system (224), the system comprising: a FAX transmitting facility (232) connected to the first computer system (202); a FAX receiving facility (234) connected to the second computer system (224); means (208, 218, 220) for connecting said FAX transmitting facility (232) to said FAX receiving facility (234); means (706) for directing said

FAX transmitting facility (232) to convert the ASCII data file received from the first computer system (202) into a FAX graphical image signal and to send said FAX graphical image signal to said FAX receiving facility (234); means (618) for directing said FAX receiving facility (234) to send said FAX graphical image signal, received from said FAX transmitting facility (232) to the second computer system (224), said means for directing said FAX receiving facility (234) comprising a remote file transfer command sent (618) to said FAX receiving facility by said FAX transmitting facility; and means (712, 714, 716) located in said second computer system (224) for receiving and converting said FAX graphical image signal into the ASCII data file

...Abstract (Equivalent): data file from a first computer system to a second computer system comprises a FAX transmitting facility connected to the first computer system; and a FAX receiving facility connected to the...

...A unit connects the FAX transmitting facility to the FAX receiving facility. The FAX transmitting facility is directed to convert the data file received from the first computer system into a FAX graphical image and send the FAX graphical image to the FAX receiving facility  
...

...A controller further directs the FAX receiving facility to send the FAX graphical image received from the FAX transmitting facility to the second computer system. The means for directing the FAX receiving facility comprises a remote file transfer command sent to the FAX receiving facility by the FAX transmitting facility...

...ADVANTAGE - Avoids requirement that both FAX is be capable of directly transmitting ASCII file

...Title Terms: TRANSMIT ;

22/3,K/28 (Item 19 from file: 350)  
DIALOG(R)File 350:Derwent  
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008998204 \*\*Image available\*\*

WPI Acc No: 1992-125477/199216

XRPX Acc No: N92-093822

Improved information processing network - includes primary directory hardware lock multiple processing devices, lock acquired signal generator and transmission devices

Patent Assignee: IBM CORP (IBMC ); INT BUSINESS MACHINES CORP (IBMC )

Inventor: EIKILL R G; LEVENSTEIN S B; MCMAHON L A; WEIGEL J P

Number of Countries: 004 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 480858	A	19920415	EP 91480134	A	19910829	199216 B
EP 480858	A3	19930512	EP 91480134	A	19910829	199402
US 5339397	A	19940816	US 90596812	A	19901012	199432

Priority Applications (No Type Date): US 90596812 A 19901012

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 480858	A	E	17	

Designated States (Regional): DE FR GB

US 5339397 A 15 G06F-012/10

Improved information processing network - ...

...includes primary directory hardware lock multiple processing devices, lock acquired signal generator and transmission devices

...Abstract (Basic): or more disc drives (30) and an interface (26) to couple these elements. A primary directory (124) in the main storage contains the virtual to real address mapping tables...

...42,82,84,86) in the processors duplicate some of this mapping information. A primary **directory** lock inhibits access to the translation table but address translations in progress are first completed before the primary **directory** is updated...

...USE/ADVANTAGE - Eliminates unnecessary quiesces and purges of the look-aside buffers thus substantially improving **network** performance  
...

...Abstract (Equivalent): The information processing **network** includes multiple processing **devices**, a main storage memory, one or more disk drives or other auxiliary storage **devices**, and an interface for coupling the processing **devices** to the main storage memory and the auxiliary **devices**. A primary **directory** in main storage contains mapping **information** for translating **virtual addresses** to real **addresses** in main storage. Look-aside buffers in the processing **devices** duplicate some of the mapping **information**...

...A primary **directory** hardware lock, subject to exclusive control by any one of the processing **devices** to update the primary **directory**, inhibits access to the primary **directory** based on hardware address translations initiated when one of the processors holds the primary **directory** lock. Address translations in progress when the lock is acquired proceed to completion before the primary **directory** is updated under the lock. Accordingly, such updates proceed atomically relative to hardware primary **directory** searches...

...ADVANTAGE - Unnecessary quiesces and purges of look-aside buffers are eliminated, substantially improving **network** performance...

...Title Terms: **NETWORK** ;

22/3,K/29 (Item 20 from file: 350)

DIALOG(R) File 350:Derwent

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004836801

WPI Acc No: 1986-340142/198652

XRPX Acc No: N86-253846

**Data processing system esp. for restaurant - has two-way partial total transfer between central control system and slave systems**

Patent Assignee: CASIO COMPUTER CO LTD (CASK )

Inventor: YAGI S

Number of Countries: 003 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3619880	A	19861218	DE 3619880	A	19860613	198652	B
GB 2176921	A	19870107	GB 8613300	A	19860602	198701	
GB 2176921	B	19881221				198851	
DE 3619880	C	19891207				198949	
US 5018066	A	19910521	US 88283023	A	19881209	199123	

Priority Applications (No Type Date): JP 85131383 A 19850617

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 3619880 A 53

...Abstract (Basic): slave system, e.g. cash register, connected to a master system contains sales data input **devices**, partial total calculators based on receipt values and partial total **transmitters** to the master system. The master system contains a partial total receiver, a partial total memory, and a **transmitter** to transfer partial totals to any requesting slave system...

...The partial totals are transferred back to the slave systems for addition of new input data, e.g. prices of additional items ordered...

...ADVANTAGE - Less data needs to be transmitted . (53pp Dwg.No.3/14)  
...Abstract (Equivalent): register system of the type that may be used in restaurants has a number of distributed registers that are linked via a data bas to a central computer facility...  
...Abstract (Equivalent): for a restaurant, comprising: a plurality of input terminals (1, 2) for inputting data, control apparatus (3) connected to the input terminals, and a plurality of output terminal means (5) connected to receive signals from the control apparatus (3) to produce output data, said output data corresponding to data which is input by...  
  
...data, per item, which is input by the input means; and (c) evaluating means for transmitting to the control apparatus (3) the identification data which is input by the inputting means, for receiving from the control apparatus (3) the sales data associated with an ordering entity defined by the identification data, for...  
  
...the inputting means, for evaluating new sales data associated with the ordering entity, and for transmitting said evaluated new sales data to the control apparatus (3); wherein said control apparatus (3) includes: (a) sales data memory means for storing the sales data per ordering entity; and (b) transmit / receive control means for receiving identification data from the input terminals (1, 2), for reading...  
  
...response to the identification data, corresponding sales data from the sales data memory means and transmitting it to the corresponding input terminal, for receiving from said input terminal (1, 2) said...  
...Abstract (Equivalent): The data processing system comprises a system controller and a number of ECRs connected to the system controller . Each ECR has a keyboard for inputting sales data per slip number (kind). The ECR obtains the subtotal per kind of the input sales data. The subtotal is transmitted to the system controller . The controller receives the subtotal data per slip number which is transmitted from the ECR and stores the subtotal data per slip number. When an additional registration is performed, the ECR receives the subtotal data regarding the slip number from the system controller and adds the additionally registered sales data to this subtotal data. The controller stores this newly obtained data as the subtotal data regarding the slip number...  
  
...When the subtotal data is transmitted to the ECR and the process regarding this subtotal data is being executed in the ECR, the system controller doesn't transmit this subtotal data to the other ECR until the process ends in the ECR...

22/3, K/30 (Item 21 from file: 350)  
DIALOG(R) File 350:Derwent  
(c) 2000 Derwent Info Ltd. All rts. reserv.

003861370  
WPI Acc No: 1984-006897/198402  
XRPX Acc No: N84-005061

Distributed-control telephone exchange PCM switching network - has microprocessor controlled switching units, including pair of matrices, and ancillary circuits for diagnosis and message exchanging  
Patent Assignee: CSELT CENT STUDI LAB TELECOM SPA (CSEL )

Inventor: BELFORTE P; GARETTI E; PILATI L

Number of Countries: 016 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 97360	A	19840104	EP 83106038	A	19830621	198402 B
AU 8315905	A	19840105				198408
JP 59006695	A	19840113	JP 83110274	A	19830621	198408
DK 8302863	A	19840213				198413
ES 8405223	A	19840901				198447

US 4550398	A	19851029	US 83506709	A	19830622	198546
CA 1206240	A	19860617				198629
EP 97360	B	19870916				198737
DE 3373770	G	19871022				198743
IT 1156369	B	19870204				198907

Priority Applications (No Type Date): IT 8267790 A 19820622

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 97360	A	E	42	

Designated States (Regional): AT BE CH DE FR GB LI NL SE

EP 97360	B	E
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Designated States (Regional): AT BE CH DE FR GB LI NL SE

Distributed-control telephone exchange PCM switching network - ...

...has microprocessor controlled switching units, including pair of matrices, and ancillary circuits for diagnosis and message exchanging

...Abstract (Basic): The network has several time division stages, belonging to a telephone exchange. It also comprises folded modular switching units . Each switching unit has a pair of integrated circuit switching matrices under the control of a local network controller in the form of a microprocessor. An input, and a corresp. output, link from an to a contiguous stage, or from and to a network periphery, is incorporated in each switching unit .

...

...Each matrix and periphery unit is associated with integrated circuits providing, on one or more of the links, a number of virtual channels for transmission of messages in a direction opposite to that of speech transmission . Integrated ancillary circuits are also provided for message exchanges, using the virtual channels. The latter form a dialogue network between controllers , independent of the speech network . The switching network also has integrated ancillary circuits for diagnostics

Title Terms: DISTRIBUTE

File 9:Business & Industry(R) Jul/1994-2000/Aug 23  
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File 484:Periodical Abstracts Plustext 1986-2000/Aug W2  
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File 553:Wilson Bus. Abs. FullText 1982-2000/Jul  
(c) 2000 The HW Wilson Co  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 624:McGraw-Hill Publications 1985-2000/Aug 22  
(c) 2000 McGraw-Hill Co. Inc

Set	Items	Description
S1	2296626	REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB - OR (WIDE OR LOCAL) ()AREA()NETWORK? OR WAN OR DISTANT OR DISTR- IBUT?
S2	579554	SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3	2878515	COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR - SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN?()ON
S4	2105232	CONTROLLER? OR MANAGER? OR DIRECTOR?
S5	1801821	DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR - APPARATUS OR EQUIPMENT?
S6	831593	APPLIANCE? ? OR (HOME OR HOUSE) (3N)APPLIANCE? OR STOVE? ? - OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7	344	ELECTRIC?()POWER()GRID? ?
S8	2274	(SMART OR INTELLIGENT) (3N) (HOUSE? OR HOME?)
S9	3849227	EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH? OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10	336062	(ELECTRONIC OR E OR VIRTUAL) (3N) (MAIL OR MESSAGE? OR DATA - OR INFORMATION) OR EMAIL
S11	66	S8(S)S10
S12	5820	S1(5N)S2(3N)S3
S13	127126	S4(S) (S5 OR S6 OR S7)
S14	38766	S9(5N)S10
S15	0	S12(S)S13(S)S14
S16	0	S12(S)S13(S) (USING OR VIA) (3N)S10
S17	87	S12(S)S13
S18	0	S17(S)S8
S19	24	S11 NOT (PY=>1997 OR PD=>970318)
S20	21	RD S19 (unique items)
S21	30	S13(10N)S8
S22	5	S21(S)INTERNET
S23	1	S22 NOT (PY=>1997 OR PD=>970318)
S24	43	S17 NOT (PY=>1997 OR PD=>970318)
S25	43	RD S24 (unique items)
S26	43	S25 NOT (S20 OR S23)
S27	43	RD S26 (unique items)
S28	0	S27(S)S10

20/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01673043 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**GREATER DRAW**

(Philips Home Services expects smart cards to be used in Europe before US;  
it is starting tests in Sweden and the Netherlands in 1997)

Card Fax, v 96, n 214, p 2

November 27, 1996

DOCUMENT TYPE: Newsletter; News Brief (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 92

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

**GREATER DRAW:** Philips Home Services is expecting smart cards to be used  
with its screen phones in Europe before they are used in...

...there than in the U.S. Philips screen phones bundle services such as  
caller identification, electronic mail via the Internet and access to  
stored-value accounts.

...

20/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01536355 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Acorn NetStation to be launched in October**

(NChannel International to launch Acorn's first network computer, allowing  
simplified Internet access via a TV set, in October)

Multimedia Business Analyst, n 18, p 1

June 26, 1996

DOCUMENT TYPE: Newsletter ISSN: 1357-0080 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 341

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...enabling consumers to access the Internet via a remote-control handset.  
Users have their own e-mail address and smart card for home  
shopping, and all the applications software is stored on a central network  
server. Software rental...

20/3,K/3 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01371861 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Screen Phones Learn New Tricks**

(US Order adds new applications to PhonePlus smart phones, including direct  
page messaging and e-mail)

Financial Service ONLINE, p 9

January 1996

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 412

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...product, which is manufactured by Redwood City, Calif.-based VeriFone

Inc. The additions, which include e-mail, direct pager messaging and visual directory assistance, are available for the first time on a device that also includes enhanced telephone features and access to home banking.

"In the smart phone, we're witnessing the convergence of the telephone and the personal computer," says John...

**20/3,K/4** (Item 4 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01342537 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**NetWare Coming to a TV Near You**

(Novell Inc and Stellar One Corp form partnership to put Nested NetWare technology on a television set top box, allowing direct network access through the tv)

CommunicationsWeek, n 586, p 19

November 27, 1995

DOCUMENT TYPE: Journal ISSN: 0748-8121 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 253

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...camera in the home, including remote control of the camera, lights and VCR; and an intelligent home-security system. Wireless paging, remote access to Novell's GroupWise schedules, electronic mail exchange and remote document processing and printing also were part of the demonstration.

The partnership...

**20/3,K/5** (Item 5 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2000 Resp. DB Svcs. All rts. reserv.

01198071 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Nabisco Net Brings Sweet Success**

(Nabisco relies on intelligent agents, moves toward Microsoft Windows NT)

CommunicationsWeek, n 558, p 1+

May 22, 1995

DOCUMENT TYPE: Journal ISSN: 0748-8121 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1205

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...more efficiently.

This all comes together through an Executive Information System. Using Microsoft's MS-Mail electronic mail system as the transport, homegrown intelligent agents fetch business-related information from news wires, sales and revenue data from ISIS, and...

**20/3,K/6** (Item 6 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01195225 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**SMART SECOND CITY**

(Stored-value smart card programs are hot)

Card Fax, p 1  
May 17, 1995

DOCUMENT TYPE: Newsletter; News Brief (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 195

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...announced plans with two Canadian banks to pilot its electronic purse product in North America.

Electronic Data Systems, which is scheduled to take over as Cash Station's processor in November, will process transactions in the Smart City pilot. EDS will begin a 350-card in-house stored-value smart card program at EDS' Morris Plains, NJ, headquarters later this month. ...

20/3,K/7 (Item 7 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01163215 (USE FORMAT 7 OR 9 FOR FULLTEXT)

One-piece Aptiva may land in U.S.

(IBM may release a one-piece Aptiva Vision system in the US; it will consider IBM/Cyrix-made 586-class CPUs)

Computer Retail Week, v 5, n 94, p 1+

April 03, 1995

DOCUMENT TYPE: Journal ISSN: 1066-7598 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 539

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...by the fall. Other technologies IBM alluded to included 3-D surround wavetable audio, "interactive smart house" and voice-synthesized electronic mail. He declined to discuss specifics.

But Garcia last week acknowledged that IBM has been slow...

20/3,K/8 (Item 8 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01137654 (USE FORMAT 7 OR 9 FOR FULLTEXT)

The future is now. Part 2: Advanced payment technologies

(Bank of Montreal adds corporate bill payment service to its Directline home banking; Universal Bidirectional Interactive tests smart card system in Saguenay)

Electronic Payments International, n 95, p N/A

March 1995

DOCUMENT TYPE: Newsletter ISSN: 0954-0393 (Ireland)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1395

ABSTRACT:

Canadian institutions are investing heavily in a variety of advanced electronic payments projects, from home banking to smart cards. The Bank of Montreal recently added a corporate bill payment service to its Directline...

...14,000 Saguenay homes as the system's first test. UBI allows consumers to use electronic mail, order television products and download value to smart cards issued as part of the UBI...

**20/3,K/9 (Item 1 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2000 Bell & Howell. All rts. reserv.

01358117 00-09104

**Internet smart phone dials new markets**

Simon, Robert; Brenner, Thomas

Electronic Engineering Times n928 PP: 90 Nov 18, 1996

ISSN: 0192-1541 JRNL CODE: ELET

WORD COUNT: 1338

...TEXT: cost, easy-to-use tool.

Financial programs, including home banking and stock trading, along with e-mail are good applications for a device that combines telephony features with computing and Internet-access...

... migrated to both the telephone touch-tone pad and the computer, requiring two devices for home access. The Internet smart phone brings all the necessary capabilities together in one device.

Moreover, combining voice and e...

**20/3,K/10 (Item 2 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2000 Bell & Howell. All rts. reserv.

01266847 99-16243

**Appliances on-line**

Berardinis, Lawrence A

Machine Design v68n14 PP: 72-79 Aug 8, 1996

ISSN: 0024-9114 JRNL CODE: MDS

WORD COUNT: 2046

...TEXT: some point, the valve may be integrated as well.

**WEAVING THE WEB**

According to International Data Corp., an electronic market research company, by the year 2000, 22% of all Internet-access devices will be machines other than PCs. This is sure to include smart household appliances, although the Internet is only one avenue by which such washers, dryers, and refrigerators...

**20/3,K/11 (Item 3 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2000 Bell & Howell. All rts. reserv.

01259181 99-08577

**Distributors open fire in Internet battle**

Longwell, John

Computer Reseller News Distributor Census 1996 Supplement PP: 11-14 Jul 15, 1996

ISSN: 0893-8377 JRNL CODE: CRN

WORD COUNT: 1843

...ABSTRACT: online configurators. At the heart of the struggle to establish such online systems are distributors' information warehouses. The electronic warehouses allow resellers to search for products by specification, compare prices and features, and glean...

... resellers to specify a system and verify whether it will work, drawing upon compatibility data housed in the database. Intelligent Electronics Inc. is offering resellers access to online configuration

through the Internet with its Iris...

**20/3,K/12 (Item 4 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2000 Bell & Howell. All rts. reserv.

01081208 97-30602

**Narrow focus reveals big picture**

Kyzer, Gwenn

Marketing Research: A Magazine of Management & Applications v7n2 PP:

26-31 Spring 1995

ISSN: 1040-8460 JRNL CODE: MRE

WORD COUNT: 2239

...TEXT: information available for legally permissible purposes).

We derive some of our behavioral products from modeled **data** --i.e., **information** inferred from the analysis of available data. For example, TRW's **Smart** products associate **households** with products and services that they have a high propensity to use on the basis...

**20/3,K/13 (Item 5 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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01058415 97-07809

**New networks: Plug and play**

Anonymous

Economist v335n7920 PP: 77 (UK 111) Jun 24, 1995

ISSN: 0013-0613 JRNL CODE: ECT

WORD COUNT: 959

...TEXT: appliances, read meters and monitor usage. With this it hopes to lay the foundation for "**smart homes**" with networked appliances: imagine a dishwasher that asks if you are willing to wait three...

... worth of electricity, or burglar alarms that can tell your pc to send you an **e mail** all-clear.

Over the next two years, boxes using the same technology and reaching data  
...

**20/3,K/14 (Item 6 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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00855192 95-04584

**Bank Facts 1994**

Anonymous

Canadian Banker v101n3 PP: SSCover-SS29 May/Jun 1994

ISSN: 0822-6830 JRNL CODE: CBI

WORD COUNT: 8505

...ABSTRACT: technology has allowed banks to offer a variety of new products and services, such as **home** banking, debit cards, **smart** cards and **electronic** **data** interchange. ...

**20/3,K/15 (Item 7 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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00486590 90-12347

**Processing Power Returned to Bank's Big Customers**

Arend, Mark

Wall Street Computer Review v7n5 PP: 8-10, 74, 82 Feb 1990

ISSN: 0738-4343 JRNL CODE: WSC

...ABSTRACT: the master trust pension division of Bankers Trust Co. has been installing BT-World, an electronic information service based on the IBM PS/2 workstation and the Microsoft Windows environment, at client

...

... clients with on-site customization capability, consists of a host computer, a telecommunications link, an intelligent workstation housed at the client site, and software installed on the workstation. Bankers Trust has reached marketing...

20/3,K/16 (Item 1 from file: 484)

DIALOG(R)File 484:Periodical Abstracts Plustext

(c) 2000 Bell & Howell. All rts. reserv.

03063999 (USE FORMAT 7 OR 9 FOR FULLTEXT)

The ultimate home PC

Thomas, Susan Gregory

US News & World Report (GUNW), v121 n21, p90-100, p.7

Nov 25, 1996

ISSN: 0041-5537 JOURNAL CODE: GUNW

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1938

TEXT:

... describe the phenomenon is "convergence."

Besides being the usual generator of reports, homework, newsletters and Email and a Web center, a convergent PC can be a telephone center that will take...

...it might make coffee. Computer makers envision the machine as the command center for the "smart house ." It would set burglar monitoring systems, turn off lights and, yes, brew your morning cup...

20/3,K/17 (Item 2 from file: 484)

DIALOG(R)File 484:Periodical Abstracts Plustext

(c) 2000 Bell & Howell. All rts. reserv.

02730943 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Fetal attraction

Hannaham, James

Village Voice (GVIV), v41 n9, p18

Feb 27, 1996

ISSN: 0042-6180 JOURNAL CODE: GVIV

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 661 LENGTH: Medium (10-30 col inches)

TEXT:

... before placenta lo mein. Naturally, they are subjected to some very provocative pieces of negative e-mail , which they have archived at a link on their homepage . Their measured, intelligent , and controversial responses, though at times ringing of devil's advocate, provide plenty of food...

20/3,K/18 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

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1000401

NYF029

**New Speech Recognition Software Technology From Texas Instruments Ushers in  
the Next Generation of Browsing the Internet - By Voice**

DATE: September 27, 1996 09:43 EDT WORD COUNT: 556

...has been developed for multiple applications including Internet navigation, multimedia presentations, entertainment, electronic training systems, electronic catalogs, information kiosks and aiding the physically challenged. In the future, as new **smart** televisions are offered, **households** without a PC will also be able to use SAM-based products for navigating the...

**20/3,K/19 (Item 2 from file: 813)**

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

0992234 NYSA002

**Smart World Communications, Inc. to Provide FREE Internet Access**

DATE: September 7, 1996 12:09 EDT WORD COUNT: 302

...December 1,  
1996.

Personal computer users (18 years or older) can request service including personal e-mail addresses via conventional mail or by signing up on the Net. Software will then be shipped to the user, or made available for downloading from **Smart**'s Home Page via the Internet.

As an added service to concerned parental Net users, Smart World...

**20/3,K/20 (Item 3 from file: 813)**

DIALOG(R)File 813:PR Newswire

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0882118

**NOVELL(R) AND STELLAR(TM) ONE PARTNER TO CONNECT TV SET-TOP BOXES TO SMART GLOBAL NETWORKS**

DATE: November 13, 1995 08:04 E.T. WORD COUNT: 869

...remote camera control, remote operation of home systems including lights and a VCR, and an intelligent home security system. The demonstration also highlights wireless paging, remote access to office GroupWise schedules, e mail , and remote document processing and printing.

"This unique demonstration shows how consumer and networking technology..."

**20/3,K/21 (Item 4 from file: 813)**

DIALOG(R)File 813:PR Newswire

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0405282 PHDAY2

**PR NEWSWIRE MARYLAND DAYBOOK FOR TUESDAY, OCT. 8**

DATE: October 7, 1991 11:29 EDT WORD COUNT: 60

...and Maryland Energy

Administration, holds energy conservation news briefing  
and tour of BG&E's **Smart House**, featuring innovations  
in  
energy conservation, 7275 Windsor Blvd. at Rolling  
Road, Rutherford Business Park, Woodlawn, Md.  
CONTACT: BG E Public Information Unit, 301-234-7433.

23/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01693456 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Java applets look for control

(Fuzzy-logic pioneer Aptronix refocuses on Java-based 'smart applets' with  
Java Runtime Controller, allowing users to dispatch applets from Web page  
to any microcontroller on user's net)

Electronic Engineering Times, p 56

December 09, 1996

DOCUMENT TYPE: Journal ISSN: 0192-1541 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 821

**ABSTRACT:**

...to any microcontroller on their net, whether it is on a factory floor or  
a **smart appliance** in the **home**. JRC is the run-time component of the  
Fuzzy Inference Development Environment (Fide), an engineering...

...Java applets created by Fide can be linked to Web pages and dispatched  
over the **Internet** to perform their function whenever needed. Fide sells  
for \$1,495, with the version with...

23/3,K/1 (Item 1 from file: 9)  
DIALOG(R) File 9:Business & Industry(R)  
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...Java applets created by Fide can be linked to Web pages and dispatched over the **Internet** to perform their function whenever needed. Fide sells for \$1,495, with the version with...

27/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01576135 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Armed Forces Radio/TV Go To Digital Video Compression 08/15/96**  
(Scientific-Atlanta gets contract from US Armed Forces Radio & TV Service  
for 2/DVB digital compression system to convert operations)  
Newsbytes News Network, p N/A  
August 15, 1996  
DOCUMENT TYPE: Journal (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 656

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...system, AFRTS Director Melvin Russell told Newsbytes.

The initial portion of the worldwide satellite television **network** is  
scheduled for **operation** in the spring of 1997.

"Scientific-Atlanta's B-MAC analog **transmission** and **signal protection**  
system has served us well for the last 12 years, but two years ago...  
...started looking at how we could, in the same transponder space, deliver  
more than one **television** signal and 4 radio signals we were sending out  
over B-MAC," said Melvin Russell, **director** of AFRTS.

Russell said that the PowerVu MPEG (Motion Picture Experts Group) 2/DVB  
digital...

27/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01490577 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Power Is PageTap Inc.'s Forte**  
(PageTap is building control and monitoring receivers that use the paging  
infrastructure)  
Wireless Week, p 16+  
May 13, 1996  
DOCUMENT TYPE: Journal ISSN: 1085-0473 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 494

ABSTRACT:

...for customers to build infrastructure to deploy their projects. By using  
the already in place **network**, business concerns can carry out **remote**  
**control operations** via the phone and not **send** employees into the field.  
Utilities use Page Tap's interrupt service **device** for demand-side  
management programs that keep adequate electricity available during peak  
times. Public Service...

...in the utility's voluntary interruption program. Another PageTap product  
is the PT8-OC event **controller** switch. This switch translates numerica or  
alphanumeric paging messages into eight programmed outputs. Approximately  
100 PT8-OC **units** are being installed in 1996 at Southeast Colorado Power  
Association sites for irrigation control.

...

27/3,K/3 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01380984 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Doordarshan Rolling Out DTH Channels For India**  
(Doordarshan is planning to introduce its direct-to-home TV satellite service in India by the middle of 1996)  
Multichannel News, v 18, n 3, p 40  
January 15, 1996  
DOCUMENT TYPE: Journal ISSN: 0276-8593 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 626

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Exactly when the DTH transmissions will begin has yet to be determined.

Andrew Carnegie, general manager of Star TV in India, said the network group has no intentions of transmitting DTG signals in the immediate future.

However, Star TV's communications manager, Debushree Banerjee, declared that "The..."

**27/3,K/4 (Item 4 from file: 9)**  
DIALOG(R)File 9:Business & Industry(R)  
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01371615 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**New Chief Streamlines TVNZ**  
(Television New Zealand reorganized from 13 business units into three divisions: Television, Production, and Distribution)  
Television Business International, n 1, p 16  
January 1996

DOCUMENT TYPE: Newsletter ISSN: 0953-6841 (United Kingdom)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 64

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

Incoming group chief executive Chris Anderson has reorganized Television New Zealand, reducing 13 business units to three divisions. They are: Television, constituting TVNZ's national and regional networks, news and sport; Production, including TVNZ Natural History, Avalon Studios, South Pacific Pictures and facilities; and Distribution, including transmission operations. Director of programming Mike Lattin has been promoted to head of Television. Graham Wilson will head Production.

...

**27/3,K/5 (Item 5 from file: 9)**  
DIALOG(R)File 9:Business & Industry(R)  
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01345419 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Westminster starts video-on-demand trials**  
(Westminster Cable (UK) has launched technical trials of video-on-demand service at a dozen employees' homes)  
New Media Markets, n 43, p 9  
November 30, 1995

DOCUMENT TYPE: Newsletter ISSN: 0265-4717 (United Kingdom)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 862

ABSTRACT:

...Colchester, where BT is testing video-on-demand and other services using ADSL technology to send video signals over its telephone network. The aim of the parallel trials is twofold. First, to weigh up the pros and...

...compare the response of homes in a cabled area (Westminster) which are familiar with multichannel **television** with those in an uncabled area (Ipswich and Colchester) which are familiar with only the 4 terrestrial channels. Andy Lockwood, managing **director** of Westminster Cable, said that the results from the trial would benefit BT in the...

...in a broadband national network until it is able to compete directly with the cable **television** companies. But video-on-demand, because is does not involve the simultaneous reception of the...

27/3,K/6 (Item 6 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01325470 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**TELENOR STARTS OSLO INTERACTIVE TELEVISION TRIAL WITH DEC, APPLE KIT, HELP FROM ITALTEL, AMATI**

(Telenor A/S will test interactive television in Norway from January, as part of a \$1.5m initial contract)

Computergram International, n 2784, p N/A

November 02, 1995

DOCUMENT TYPE: Newsletter ISSN: 0268-716X (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 258

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

Norwegian telephone operator Telenor A/S will test interactive **television** in Norway from January, as part of a \$1.5m initial contract. It will use Digital **Equipment** Corp's Mediaplex server and **equipment** and services from Italtel SpA, Apple Computer Inc and Amati Communications Corp. The trial will...

...set-top boxes will come from Apple, while Amati and Italtel will supply ADSL for **sending signals** across the copper telephone **network**. Italtel will provide systems integration services. Services will include movies and music videos on demand...

...and a wider range of programmes is available. Telenor has Polygram A/S, Svensk Filmindustri **Television**, the Norwegian Film Institute, NKS Distance Education and TV2 to develop more content. "Our objective...

...stage is to test all aspects of the technology and the programming" said the project **manager** at Telenor Knut Sinkerud. "We want to be sure that we have everything in place...

27/3,K/7 (Item 7 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01270062 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Maine Op Will Test Tap To Ease Complaints  
(State Cable to start Watson Tap from Watson Technologies)**

Multichannel News, v 16, n 35, p 54+

August 28, 1995

DOCUMENT TYPE: Journal ISSN: 0276-8593 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 638

ABSTRACT:

...premium channels.

Called the "Watson Tap," the system uses a headend-based personal computer to **send analog TV signals** in an unscrambled format through the

**network** , to the tap, then to the home, which means consumer electronics devices like TVs and VCRs "can operate as originally intended," without the need for a set...

...said Roger Pience, vice president of technology for Watson. The tests, which will use prototype equipment , will affect about two-dozen customers within State Cable's 7,500-subscriber system, said...

...it includes four output spigots. Those four outputs in turn can service up to four TV sets -- meaning that it can potentially replace 16 set-top boxes, said Pience. At the...

...a record of those channel changes is stored for later transmission to the headend-based controller , in order to accommodate billing functions, said Pience.

...

27/3,K/8 (Item 8 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01249100 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Technology: The number's up - Cellular network operators have a new weapon to defeat mobile phone thieves

(Vodafone developing 'authentication' software to counter thieves who steal mobile phones and run up large bills at a legitimate owner's expense)

Financial Times London Edition, p 8

July 28, 1995

DOCUMENT TYPE: Business Newspaper ISSN: 0307-1766 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 645

ABSTRACT:

...clone a mobile phone. When a call is made on a conventional analogue phone, it sends 2 signals to the network to identify itself; its phone number and an electronic serial number. The network checks the...

...numbers before connecting the call. This is the weak spot; thieves with commercially available scanning devices can capture the transmitted numbers and use them to clone stolen phones. 'The beauty of...

...mind to the subscriber and eliminating the financial risk,' according to Chris Gent, Vodafone managing director . Authentication software will be included with all new analogue phones connected to Vodafone after the...

27/3,K/9 (Item 9 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01180558

Terminal Performs Phone, Fax Copier Functions

(TEC's new Public PFX-20CL fax/cordless phone also acts as an answering machine and copier)

Office Equipment & Products, p 17

May 1995

DOCUMENT TYPE: Journal ISSN: 0387-5245 (Japan)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...has introduced the Public PFX-20CL fax/cordless phone, featuring a cordless design and remote controller . The machine also acts as an answering machine and copier, and costs Y92k under the Toshiba name. The PFX-20CL uses thermal transfer techniques for fax output, and a digital signal processor for answering functions. With the remote controller , users can transmit instructions for fax reception and transmission to the main unit . The cordless phone uses a coding system to stop eavesdropping. The fax part can send...

27/3,K/10 (Item 10 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01084159 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**THE SHOCKING POTENTIAL FOR SENDING TWO-WAY DATA OVER THE NATIONAL ELECTRICITY GRID**  
**(Electric utilities try to enter data communications field)**  
Computergram International, n 2559, p N/A  
December 06, 1994  
DOCUMENT TYPE: Newsletter ISSN: 0268-716X (United Kingdom)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1092

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...back and then the data cable attached. Remote Metering Systems has developed a signal-coupling **device** that makes the metal sheath transparent to the communication signals: a transducer is simply clipped...

...that is being patented is an inductive coupling one rather than a capacitor type for sending the signals . Remote Metering Systems believes that it has unlocked huge potential for a nationwide data communications network. Commercial **director** Clive Nunn pointed out that although it has been possible to use low frequency such...

27/3,K/11 (Item 11 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01025243 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Open networks bring revolution to packaging line controls**  
**(Allen-Bradley's DeviceNet, Honeywell's Micro Switch's Smart Distributed System are bus-based packaging line systems with CAN technology)**  
Food & Drug Packaging, v 58, n 6, p 8  
June 1994  
DOCUMENT TYPE: Journal ISSN: 1075-3028 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 574

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...device to send more information to the controller than ever before.

In addition, these intelligent **devices** can talk to each other directly. With conventional wiring, a sensor sends a signal to the **controller** that a case has just passed by. The **controller** processes the information and sends a signal to a relay to trip a diverting **device** . With peer-to-peer communication capabilities on a bus-based CAN **network** , a sensor could send the signal directly to the relay, taking the **controller** out of the loop. You would still need a **controller** , but simple decisions could be programmed in at the **device** level.

While both companies use the same bus-based CAN technology in their system, each...

27/3,K/12 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01367966 00-18953

**Nortel's total satellite ground network solutions**

Anonymous

Telesis n102 PP: 62-63 Dec 1996

ISSN: 0040-2710 JRNL CODE: TLS

WORD COUNT: 851

...TEXT: Nortel can seamlessly integrate a wide variety of groundsystem building blocks: Groundstations include antennas for sending and receiving signals, as well as satellite and network control equipment for such functions as beam placement. Nortel can offer systems engineering skills and is developing a range of products, such as groundstation controllers, that will enable customers to extend control and management across the entire terrestrial network.

Mobile...

**27/3,K/13 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01331566 99-80962

**The SNMP standard and its role in power protection**

Pfendler, Tom

Telemarketing & Call Center Solutions v15n3 PP: 98-104 Sep 1996

ISSN: 0730-6156 JRNL CODE: TLM

WORD COUNT: 1562

...TEXT: supplies or UPSs) may use the same communication protocols to connect to SNMP.

These network devices then gather operational information into a database called a Management Information Base (MIB). The operating...

... contents of each MIB and compiles that database into a displayable format. The information is transmitted to the master network console either automatically or upon request by the network manager. Once a device standard is written, it is shared among all vendors for that particular product.

Although SNMP...

**27/3,K/14 (Item 3 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01312166 99-61562

**Load Cells Ease the Burden of Weighing**

Anonymous

Chemical Engineering v103n10 PP: 115-116 Oct 1996

ISSN: 0009-2460 JRNL CODE: CEG

ABSTRACT: By producing a digital signal that can be read directly by process controllers, load cell transmitters have improved the reliability and accuracy of scale measurement and provided the...

...transmitted 15-20 ft. before it begins to lose some of its integrity. An indicator-transmitter is needed to produce a local readout and provide a signal that can be transmitted to, and read by, remote process instruments. With digital output, transmitters produce signals that can travel a mile or more, and be read directly by a programmable logic controller (PLC). The capability to function as an IO saves on installation and operating costs. For example, a single transmitter can multiplex several weighing devices, or a single pair of twisted wires can establish 2-way communication between the process controller and the transmitter. This saves on wiring cost and eliminates the additional

hardware that would...

27/3,K/15 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01159394 98-08789  
**Java architecture makes devices 'Internet-ready'**  
Bucholtz, Chris  
Telephony v230n7 PP: 19 Feb 12, 1996  
ISSN: 0040-2656 JRNL CODE: TPH  
WORD COUNT: 472

...TEXT: company's director of new technology.

"With the embedded Internet capabilities, we can use these **devices** to create things like hand-held Web browsers that interface with wired or wireless networks..."

... allows users to customize the format of status displays, alarm actions and diagnostic algorithms. Should **network** problems occur, **managers** can create Java applets that **send instructions** to actuators to **remotely** modify components of the **network**, Houtchens said.

"What Java provides is a standardized way of getting information from devices to..."

27/3,K/16 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01056169 97-05563  
**Saber LAN Workstation**  
Beckman, Mel  
Macworld v12n8 PP: 73 Aug 1995  
ISSN: 0741-8647 JRNL CODE: MAW  
WORD COUNT: 877

...TEXT: data and usage statistics and reporting them to the Network Manager application on demand.

Network **Manager** queries responders on a configurable schedule, displaying **devices** either as a list that you can sort by any heading item; as a topological map; or in detail, one **device** at a time. Retrieved data includes a detailed hardware inventory, software and fonts installed, available...

... own list reports with selected items across categories. SLW also gives you some control over **remote** systems, with **commands** to shut down or restart, **send** a file or message, and synchronize clocks. You can even perform remote virus scans (using...

27/3,K/17 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2000 Bell & Howell. All rts. reserv.

01036383 96-85776  
**Meeting infrastructure demands**  
Anonymous  
Telephony PCS Special Supplement PP: 13 May 15, 1995  
ISSN: 0040-2656 JRNL CODE: TPH  
WORD COUNT: 310

ABSTRACT: PCS **equipment** will be available from the major wireless

infrastructure vendors. In the US, Alcatel will provide mobile switching centers. AT&T will offer all components for the PCS network, including switches, cell sites, access managers, transmission facilities, multiplexers, operations support systems, and handsets. Ericsson will provide an entire GSM-based system, including handsets.

27/3,K/18 (Item 7 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00961165 96-10558

**Remote crane controls: A new sense of freedom in the plant**  
Jennings, William  
Metal Center News v34n13 PP: 44-47 Dec 1994  
ISSN: 0539-4511 JRNL CODE: MCW  
WORD COUNT: 2193

...TEXT: makes more efficient use of both the operator's and the crane's time.

#### THE REMOTE CONTROLLER

A remote control system consists of a portable transmitter unit that generates control signals, plus receiving equipment permanently installed on the crane and electrically connected to the crane's motor controllers. Switches on the transmitter control all functions of the crane. Installation may be as a...

27/3,K/19 (Item 8 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00953450 96-02843

**A road map to broadband networking: Network evolution within the utilities industry**  
Rane, Sham  
Telecommunications (Americas Edition) v28n12 PP: 33-38 Dec 1994  
ISSN: 0278-4831 JRNL CODE: TEC  
WORD COUNT: 2432

...TEXT: are facilitating the move towards increased automation. In a SCADA application, hundreds of low-speed signals from remote sensors and monitors are transmitted via microwave radios to a hub site. The hub sites, which are typically equipped with 900-MHz...

... care institutions. While a majority of the meter-reading operations are still performed manually, network managers can anticipate that much of this data traffic will be transported over the communications backbone...

27/3,K/20 (Item 9 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00895647 95-45039

**Green a key color in auto ID**  
Davis, Donald  
Manufacturing Systems v12n8 PP: 16-26 Aug 1994  
ISSN: 0748-948X JRNL CODE: MFS  
WORD COUNT: 3140

...TEXT: of scrap, hits (Enter) and they're done."

A typical RF implementation includes hand-held devices that workers carry with them on the shop floor or in a warehouse. The device can scan bar

codes and send a radio signal via relay stations, or transceivers, to a network controller , which converts the radio signal into a computer signal. As a worker moves around a...

... car phone is being relayed in turn by one antenna after another. Until recently, the network controller would typically send the signal to a personal computer (PC) that would communicate with the host computer. Some systems now eliminate the PC, with the controller and host communicating directly.

Some manufacturers remain concerned that interference from the many electrical signals...

27/3,K/21 (Item 10 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)

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00773600 94-22992

Vendors paint rosy portrait of multimedia X-terminal  
McNamara, George  
Computer Technology Review v13n10 PP: 1, 8+ Sep 1993  
ISSN: 0278-9647 JRNL CODE: CTN  
WORD COUNT: 1812

...TEXT: network?

A. NCD: RISC processors in the X terminal primarily render graphics and handle window managers , and thus do not affect the level of network traffic. Moreover, X is a high-level protocol which generally sends commands over the network which are then executed by the CPU in a host. The high performance of RISC processors enables X terminals...don't apply. The X terminal's overhead (processes necessary to its operation like window managers , terminal emulators) and user desktop productivity clients (clocks, calculators, etc,) are handled by the X...

... traffic is from those host-based applications. This actually improves the computing environment because each device is able to handle the tasks it was designed for and has no overhead for...

... Network congestion is more a function of the network arrangement than the power of the devices on the network. Future networks will combine bridges, routers and subnets to match communications needs...

27/3,K/22 (Item 11 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)

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00767476 94-16868

Roles of resource and data contention on the performance of replicated distributed database systems  
Lam, Kam-jiu; Hung, Sheung-lun  
Journal of Database Management v4n1 PP: 25-38 Winter 1993  
ISSN: 1063-8016 JRNL CODE: DAN  
WORD COUNT: 6493

...TEXT: fixed number of terminals. The central subsystem has one CPU and a number of disk units where a portion of the database is stored. The database is partitioned into different local...

... be added nor deleted. The data items are organized into granules which form the basic units for locking. In the central node, there is a lock controller for checking, setting and releasing of locks. The other nodes are called remote nodes. Transactions originated from the remote nodes have to send lock requests to the central node. It is assumed that only exclusive locks will be set (Eswaran...

27/3,K/23 (Item 12 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00764840 94-14232  
**Telecosm: "Metcalfe's law and legacy"**  
Gilder, George  
Forbes ASAP Supplement PP: 158-166 Sep 13, 1993  
ISSN: 0015-6914 JRNL CODE: FBR  
WORD COUNT: 4917

...TEXT: an Ethernet chip for PCs in time for a single-board version of the interface **unit**. Putting the transceiver on the adapter board eliminated a special transceiver cable and drastically simplified the system. There is no bulky connection between the coding **device** preparing information for the **network** and the transceiver **sending** or receiving the **signals** on the net. All this processing is done in the computer, on one printed circuit...

... While its rival from IBM--Token Ring--requires a mostly proprietary array of token-passing **managers**, clocking assignments and other complexities, Ethernet is an open system. Relative to the alternatives, it ...

27/3,K/24 (Item 13 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00701774 93-50995  
**Towards the maintenance free network**  
Guidoux, Loic  
Telecommunications (International Edition) v27n4 PP: 44-47 Apr 1993  
JRNL CODE: TIE  
WORD COUNT: 1196

ABSTRACT: To ensure that privately operated **networks** remain competitive with external **network** suppliers, quality of service, minimization of **transmission**, **operation** and maintenance costs are key factors. The largest savings for **network managers** are to be found in the management of the lowest level **devices** in the network. Software tools enable procedures that can be invoked by the operator when...

27/3,K/25 (Item 14 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00692627 93-41848  
**Abracadabra and presto! It's APPN benefits without APPN routers**  
Layland, Robin  
Data Communications v22n2 PP: 15 Jan 21, 1993  
ISSN: 0363-6399 JRNL CODE: DCM

...ABSTRACT: their own. They need help from an APPN Network Node, a router or other computing **device**, such as a host, with APPN **Network** Node software. When an End Node **sends** a session **request** to a **Network** Node, the **Network** Node uses its **directory** service to locate the target End Node. The Network Node then establishes a route between...

27/3,K/26 (Item 15 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00655632 93-04853  
**Hub-Based Application Puts Network Services in the Wiring Closet**

McHale, John  
Computer Technology Review v12n14 PP: 28-31 Fall 1992  
ISSN: 0278-9647 JRNL CODE: CTN  
WORD COUNT: 2052

...TEXT: directly to the management bus on the backplane. Bi-directional communication with a software-based **network** management system is therefore provided, gathering and **sending** device statistics from other modules to the **network manager** and receiving **commands** and prompts in return.

#### APPLICATION IMPLEMENTATION

It is convenient to group the broad array of...

27/3,K/27 (Item 16 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00606953 92-22056

**Wireless LANs: The Next Wave**  
Mathias, Craig J.

Data Communications v21n5 PP: 83-87 Mar 21, 1992  
ISSN: 0363-6399 JRNL CODE: DCM

...ABSTRACT: costly component, its wiring - is as strong a lure as improved performance, but most network **managers** thus far have kept their distance from wireless nets. The initial cost of wireless LANs...

... of wireless LANs: 1. low- and medium-speed LANs, and 2. high-speed products. Wireless **networks** use one of 3 signal types to **transmit** data: spread spectrum, narrowband **microwave**, and infrared. ...

27/3,K/28 (Item 17 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00603800 92-18903

**Creating the Olympic Network: Going for the Gold!**  
Chateau, Jerome; Lamb, Mary Beth  
Communications News v29n3 PP: 10-11 Mar 1992  
ISSN: 0010-3632 JRNL CODE: CNE  
WORD COUNT: 756

ABSTRACT: As **director** of the 1992 Winter Olympic Games Media and Telecommunications, Jacques Bouillon was responsible for building...

...including satellite, fiber optics, microwaves and radio waves. Broadcast images were transmitted via fiber optics, **microwave** transmitters, satellite and copper wire. The primary fiber-optic **network** **transmitted** audio and video **signals**, telephone traffic and data among the most important Olympic sites.

27/3,K/29 (Item 18 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00585617 92-00790

**Microwave Mushrooms in the Cellular Network**  
Roesler, Paula  
Telephony Supplement PP: 33, 36 Dec 1991  
ISSN: 0040-2656 JRNL CODE: TPH  
WORD COUNT: 1339

...TEXT: 38-GHz band is a new band, it is to easy to license, he says.

**Microwave** 's job in a PCN is much the same as in cellular networks, says John McGuire, president of TeleSciences International. In a cellular network , radios **transmit signals** from base station to switching center. In a PCN, they traffic information between both the base station and a base station **controller**, and between the base station **controller** and the switching center. The **controller** in a PCN is necessary because there are smaller cell sites in the network hierarchy...

27/3,K/30 (Item 19 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2000 Bell & Howell. All rts. reserv.

00565595 91-39949

**Measuring the "Goodness" of Training**

Gordon, Jack

Training v28n8 PP: 19-25 Aug 1991

ISSN: 0095-5892 JRNL CODE: TBI

WORD COUNT: 6317

...TEXT: out.

For instance, Thurn says, pulling two proposals out of a file, here's a request for a program for **distribution** dispatchers, the people who send line employees to respond to reports of power outages and so on. The requesting **manager** calculates that inefficiencies due to performance problems are costing about \$25,000 a year. The...

... a new program to teach 56 power plant workers how to operate and maintain certain **equipment** in a plant.

In this one, the manager has documented \$1.8 million in costs...

27/3,K/31 (Item 20 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00555204 91-29561

**Computer Link: Radio Days**

Kasavana, Michael

Restaurant Business v90n9 PP: 82 Jun 10, 1991

ISSN: 0097-8043 JRNL CODE: RTB

WORD COUNT: 816

...TEXT: of a server call system include: a control box for transmission, pagers for servers, recharging **unit** , and a **manager** 's remote pager. The control box contains notification buttons and blinking **lights** to indicate that the server has been paged. Pagers are about the size of a...

... dozen pagers through a single control box. The paging recharger powers rejuvenate Nicad batteries. The **manager** 's **remote unit** can **transmit** a double **signal** to direct its wearer to go to a predetermined location.

GOOD VIBRATIONS. The manager remote...

27/3,K/32 (Item 21 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00543141 91-17486

**Autosound DSP: The Great Leap Forward**

Jaccoma, Richard

Dealerscope Merchandising v33n2 PP: 36 Feb 1991

...ABSTRACT: digital signal processing's (DSP) wider capabilities. The Mobile ES system uses a digital crossover network to transmit the signal digitally until it reaches the amplification stage, reducing distortion and time-phase problems. The heart...

... Mobile ES system, the XES-P1, is a digital preamplifier, sound field processor, and system controller that can match a wide range of sound adjustments to each specific automobile. It also...

... create multisource and zoned applications. Pioneer has had great sales success with its car audio units that feature detachable faceplaces that, when removed, disable the remaining portion of the unit .

27/3,K/33 (Item 22 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00536621 91-10965

**Sweden's Radio-Synchronized Public Paging System**

Seitsonen, Seppo

Telecommunications (International Edition) v25n2 PP: 66-68 Feb 1991

JRNL CODE: TIE

WORD COUNT: 2351

...TEXT: or by utilizing additional radio frequencies.

The paging exchange consists of a PT, voice retrieval equipment (RRS), and paging network controller (NC) (see Figure 1). The PT operates in the telephone network as a terminal trunk exchange. The PT receives paging calls from the telephone network , checks the correctness of the calls, and sends various instructions to the caller. The terminal may, for example, ask the caller to select additional digits...

27/3,K/34 (Item 23 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00531582 91-05926

**Users Turn to SNMP to Fulfill Dreams of Simplicity**

Mardesich, Jodi

InfoWorld v13n2 PP: S9, S12 Jan 14, 1991

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 1646

...TEXT: really don't know what that is yet in the Internet."

SNMP comprises three parts --managers ; agents; and MIB, a database of objects on a network that can be managed. A central network management station contains the manager software that polls a network ; in other words, the station sends out queries and commands to the devices on the network . Each of these devices has an agent, a software program that resides on the device that stores information about that device , and responds to the management station's requests for information.

An MIB defines some variables...

27/3,K/35 (Item 24 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00465694 89-37481

**Get Ready for T3 Networking**

Fleming, Stephen  
Data Communications v18n11 PP: 82-94 Sep 1989  
ISSN: 0363-6399 JRNL CODE: DCM

**ABSTRACT:** Data communications **managers** are increasingly looking toward T3 **equipment** as a solution to the problems raised by the rapid expansion of T1 networks. A recent study by International Resource Development indicated the T3 **equipment** market will grow from \$20 million in 1988 to \$330 million in 1994. A better...

... T3 networking is possible through familiarity with North American regulations that dictate how digitally multiplexed **signals** may be **transmitted** over the public **network** in the US and Canada. With an AT&T carrier, a T3 circuit can be...

27/3,K/36 (Item 25 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00453133 89-24920

**Managing Changes in SNA Networks**  
Ballard, Christopher P.; Farfara, Livio; Heldke, Barbara J.  
IBM Systems Journal v28n2 PP: 260-273 1989  
ISSN: 0018-8670 JRNL CODE: ISY

...**ABSTRACT:** for bulk data transport. The first IBM products to implement change management are NetView Distribution **Manager** R2 and the IBM 3174 Control **Unit** with the Central Site Change Management microcode function. An SNA/MS change management focal point is designed to handle several **requests** at its interface with the **network** planner, including: 1. retrieve, 2. send, 3. install, 4. send-and-install, 5. remove, 6. accept, and 7. activate. With focal...

27/3,K/37 (Item 26 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00421654 88-38487

**Call This Bank: Fire Resistant**  
Friis, M. William  
ABA Banking Journal v80n9 PP: 82-88 Sep 1988  
ISSN: 0194-5947 JRNL CODE: BNK

...**ABSTRACT:** building still remains closed, the bank was able to resume operation of all major business **units** on the first day after the fire. Chairman and Chief Executive Officer Joseph J. Pinola...

... recovery plan. Some elements of the disaster recovery plan included: 1. a fully equipped emergency **operations** center, 2. automatic **transmission** and storage of information to a **remote** disaster recovery site, and 3. appointment of staff to act as disaster recovery **directors** for business **units**. A drill conducted just 3 weeks before the fire helped bank personnel in the real...

27/3,K/38 (Item 27 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00405434 88-22267

**Parallel Processing Techniques Overcome Graphics Bottlenecks**  
Torborg, John G.  
Computer Technology Review v8n6 PP: 77-81 Spring 1988  
ISSN: 0278-9647 JRNL CODE: CTN

...ABSTRACT: uses a unique parallel processing architecture for both arithmetic and pixel computations. The display list **manager**, in which either sequential or order-independent graphics **commands** are stored in a hierarchical structure of linked blocks, sends **commands** to the graphics arithmetic processors (GAP), according to a **command arbitration mechanism** that allows for effective **distribution** of commands. Memory **devices** are interleaved to the drawing processor, allowing each memory **device** to be written as soon as the pixel data are calculated. Four parallel drawing processors...

... windows. The very large-scale integration drawing processor allows fast image updates using a master **controller** IC and 4 scan line processor ICs. As the number of processors increases, performance improves...

27/3,K/39 (Item 28 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00367947 87-26781  
**Secret, Silent & Successful**  
Apo, Allan M.  
Security Management v31n7 PP: 60-64 Jul 1987  
ISSN: 0145-9406 JRNL CODE: SEM

ABSTRACT: Remote-station holdup alarms consist of: alarm initiating **devices**, control units, and alarm transmission systems. The initiating **device** is a switch that can be operated by hand or foot, by key, or by removal of currency. The alarm **signal** is transmitted to the remote location by radio or over a telephone circuit. Because these alarm systems can intensify an...

...at the protected premises. Systems should also provide a lock-in feature to reset the **device**. Some holdup **devices** include: 1. holdup buttons, for installation under counters or desks, 2. billtraps or money clips...

... police avoid using sirens and remain hidden until the robber has left the premises. Security **managers** and employers should consult with alarm companies and police to determine the most effective alarm...

27/3,K/40 (Item 29 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00252342 84-30903  
**Testing the Analog Side of Data Networks**  
D'Antonio, Renato A.; Zampini, Tony M.  
Telecommunications v18n7 PP: 57-58, 72 Jul 1984  
ISSN: 0040-2494 JRNL CODE: TEC

ABSTRACT: With their service staffs well equipped with BERTs and breakout boxes, most data communications network **managers** would call their AT&T representative for help if they suspected problems on the analog side of the network. With the divestiture of AT&T, these same **managers** are finding the response from their local telephone company is not as fast as in the past. They must now understand the analog side themselves in maintaining their **networks**. When data are transmitted through a voice-frequency (VF) communications facility, **signal** degradation results. It is composed of such factors as: 1. power loss, 2. noise, 3...

... for dedicated VF lines. To accomplish all of the tests specified by Bell, analog test **equipment** should include such capabilities as: 1. generating a 1004-Hz test tone, 2. measuring received...

27/3,K/41 (Item 30 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)  
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00249441 84-28001

**Pascal to POS**

Wernersback, William; Wherrity, Gloria A.  
CPA Journal v54n8 PP: 71-72 Aug 1984  
ISSN: 0732-8435 JRNL CODE: CPA

**ABSTRACT:** Operation of a club is best handled by a **manager** who is current in knowledge of some of the **devices** available to record sales. These include: 1. point of sale (POS) terminals, 2. electronic cash...

... 3. video display terminals (VDT), and 4. cathode ray tubes (CRT). POS terminals perform the **operation** of a register and **transmit** and receive information at scattered **remote** locations to a central processor. A significant advance in the club business is for ECRs...

... terminals that communicate directly with any brand computer. There are several objections concerning installing POS **equipment** : 1. Limited capital funds can be better spent for operating **equipment** . 2. Service staff cannot handle such **equipment** . 3. A slowdown of service will result. 4. Service staff cannot accept it. 5. There...

**27/3,K/42 (Item 31 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
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00245612 84-24172

**Modem Navigates the Telecommunications Jungle**

Schlosser, John  
Business Computer Systems v3n6 PP: 173-174 Jun 1984  
ISSN: 0745-0745 JRNL CODE: BCS

**...ABSTRACT:** installation, but one procedure - checking and setting the bank of configuration switches inside the modem **unit** - is awkward. The menu contains 10 command choices, a help key, and a communications **directory** . The program is preconfigured for 13 common information services and bulletin boards. Other features include: 1. the ability to develop a sequence of **instructions** to be sent to a **remote** system, 2. the ability to **transmit** or receive files from an unattended personal computer, 3. the ability to route data through...

**27/3,K/43 (Item 32 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
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00030657 75-09082

**WHY SOME GE SALESMEN TELL IT TO A COMPUTER**

TAYLOR, T. C.  
SALES MANAGEMENT V115 N4 PP: 4-7 AUG. 18, 1975  
ISSN: 0361-2570 JRNL CODE: SAL

**ABSTRACT:** AT GE'S POWER SYSTEMS SALES OPERATION , WHICH SELLS GENERATION, TRANSMISSION , AND DISTRIBUTION EQUIPMENT TO UTILITIES, THE TIME SPAN BETWEEN EVENT AND **MANAGER** AWARENESS HAS BEEN CUT FROM 6 WEEKS TO MERE MINUTES. THE TOOL IS AN ON..

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Set	Items	Description
S1	4482385	REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB - OR (WIDE OR LOCAL) ()AREA()NETWORK? OR WAN OR DISTANT OR DISTR- IBUT?
S2	1401434	SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3	5363676	COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR - SIGNAL? ? OR ACTIVAT? OR EXECUTABLE? OR REQUEST? OR TURN?()ON
S4	416805	CONTROLLER? OR MANAGER? OR DIRECTOR?
S5	3846696	DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR - APPARATUS OR EQUIPMENT?
S6	652325	APPLIANCE? ? OR (HOME OR HOUSE)(3N)APPLIANCE? OR STOVE? ? - OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7	224	ELECTRIC?()POWER()GRID? ?
S8	567	(SMART OR INTELLIGENT)(3N)(HOUSE? OR HOME?)
S9	6789488	EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH? OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10	95646	(ELECTRONIC OR E OR VIRTUAL)(3N)(MAIL OR MESSAGE? OR DATA - OR INFORMATION) OR EMAIL
S11	7	S8 AND S10
S12	85611	S1 AND S2 AND S3
S13	82913	S4 AND (S5 OR S6 OR S7)
S14	21697	S9 AND S10
S15	5	RD S11 (unique items)
S16	1154	S12 AND S13
S17	12	S16 AND S14
S18	9	RD S17 (unique items)
S19	8	S18 NOT (PY=>1997 OR PD=>970318)
S20	4866	S3 AND S14
S21	98	S13 AND S20
S22	70	S21 NOT (PY=>1997 OR PD=>970318)
S23	60	S22 NOT S17
S24	2710	S3(S)S9(S)S10
S25	47	S24(S)S13
S26	29	S25 NOT (PY=>1997 OR PD=>970318)
S27	24	S26 NOT S17
S28	23	RD S27 (unique items)
S29	36	S8 AND S13
S30	26	S29 NOT (PY=>1997 OR PD=>970318)
S31	26	S30 NOT (S11 OR S17 OR S28)
S32	18	RD S31 (unique items)

15/3,K/1 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
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04180436 INSPEC Abstract Number: B9208-6210L-035, C9208-5620L-005  
**Title:** Router connected physical media in networking the intelligent home  
Author(s): Yang, J.; Manikopoulos, C.N.  
Author Affiliation: Dept. of Electr. & Comput. Eng., New Jersey Inst. of Technol., Newark, NJ, USA  
Journal: IEEE Transactions on Consumer Electronics vol.38, no.1 p. 30-6  
Publication Date: Feb. 1992 Country of Publication: USA  
CODEN: ITCEDA ISSN: 0098-3063  
U.S. Copyright Clearance Center Code: 0098-3063/92/\$03.00  
Language: English

**Title:** Router connected physical media in networking the intelligent home

Abstract: The performance of the CEBus, a proposed computer network standard for the intelligent home, implemented with power line (PL) and twisted pair (TP) media, interconnected through a router, has been investigated. The delay and throughput characteristics of each of the three priority class of messages , i.e . deferred, standard, and high, have been measured. Overall, the PL-Router-TP network system has...

...Identifiers: intelligent home ;

15/3,K/2 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
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03393134 INSPEC Abstract Number: B89044221, C89041072  
**Title:** The future: the intelligent house  
Journal: Funkschau no.3 p.45-6  
Publication Date: 27 Jan. 1989 Country of Publication: West Germany  
CODEN: FUSHA2 ISSN: 0016-2841  
Language: German

**Title:** The future: the intelligent house

...Abstract: for the house of the future is supported by a schematic diagram of such an intelligent house . Security (intrusion, smoke and leakage detectors), domestic services and appliances for heating, air conditioning, water and lighting, interactive information services with computer and copier (banking and shopping, data ) and electronic entertainment (radio, Hi-Fi, terrestrial and satellite TV, video recording) are operated and monitored via...

...Identifiers: intelligent house ;

15/3,K/3 (Item 1 from file: 6)  
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**Report on Electronic Commerce. Business, Financial and Consumer Transactions over the Information Superhighway**  
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Corp. Source Codes: 113571000  
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Languages: English  
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Identifiers: Electronic commerce; Information superhighway; E-commerce; Online shopping; Home banking; Smart cards; Digital cash; Electronic data interchange (EDI); Encryption; NTISTRI

15/3,K/4 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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14604247 PASCAL No.: 00-0272904

Informatique, multimedia et Internet, les nouveaux outils du batiment  
(Computer science, multimedia and internet, the new building tools)

BACHELERIE L

Journal: Batiment information : (Clichy), 2000 (36) 26-28

Language: French

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English Descriptors: Computer science; Buildings; Multimedia; Internet; Electronic data interchange; Information source; Computer aided design; Intelligent system; Home automation; Technical management; Example; Tower (building); Office building; Application; Numerical data; CDROM; Firm management

15/3,K/5 (Item 2 from file: 144)

DIALOG(R)File 144:Pascal

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10072759 PASCAL No.: 92-0278264

Router connected physical media in networking the intelligent home  
JAESOO YANG; MANIKOPOULOS C N

New Jersey inst. technology, intelligent systems lab., dep. electrical computer eng., Newark NJ 07102, USA

Journal: IEEE transactions on consumer electronics, 1992, 38 (1) 30-36

Language: English

Router connected physical media in networking the intelligent home

The performance of the CEBus, a proposed computer network standard for the intelligent home, implemented with Power Line (PL) and Twisted Pair (TP) media, interconnected through a router, has been investigated. The delay and throughput characteristics of each of the three priority class of messages , i. e ., DEFERRED, STANDARD, and HIGH, have been measured. Overall, the PL-Router-TP network system has...

19/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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4925364 INSPEC Abstract Number: A9509-9480-006, C9505-3210G-002

Title: Intelligent CAMAC crate controller incorporating a transputer

Author(s): Saeki, T.; Imori, M.; Inaba, S.; Ueda, I.; Anraku, K.

Author Affiliation: Fac. of Sci., Tokyo Univ., Japan

Journal: Nuclear Instruments & Methods in Physics Research, Section A  
(Accelerators, Spectrometers, Detectors and Associated Equipment)

vol.355, no.2-3 p.506-14

Publication Date: 15 Feb. 1995 Country of Publication: Netherlands

CODEN: NIMAER ISSN: 0168-9002

U.S. Copyright Clearance Center Code: 0168-9002/95/\$09.50

Language: English

Copyright 1995, FIZ Karlsruhe

**Title: Intelligent CAMAC crate controller incorporating a transputer**

Abstract: A CAMAC crate controller module having a built-in transputer was developed, being named the "Intelligent CAMAC Crate Controller (ICCC)". Due to the transputer's architecture, multiple ICCC's can be networked by simple serial link connections. The control programs are developed in Occam or C language, which support concurrent algorithms and their implementation in transputer networks. Each ICCC controls the front-end CAMAC modules in the crate, operates in parallel, and interprets commands from the host computer. Data read from the modules is concurrently and autonomously processed, and then transmitted to the network where it is gathered into the host computer file system. The present paper describes the ICCC's hardware and software using a simple configuration network. Our particular device application for a balloon-borne experiment is also discussed, i.e., a data acquisition system networking twenty-seven transputers.

...Descriptors: cosmic ray apparatus ;

Identifiers: intelligent CAMAC crate controller ; ...

...CAMAC crate controller module...

...transputer networks ; ...

...data transmission ; ...

...configuration network ; ...

...network circuit...

...crate controller process

19/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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03435882 INSPEC Abstract Number: B89053234, C89045412

Title: Maintenance system of instrumentation equipment for higher reliability, and its management

Author(s): Tamura, J.

Journal: Instrumentation and Control Engineering vol.31, no.12 p. 6-10

Publication Date: 1988 Country of Publication: Japan

CODEN: KISOBT ISSN: 0368-5780

Language: Japanese

**Title: Maintenance system of instrumentation equipment for higher reliability, and its management**

Abstract: Modern instrumentation systems have a significant orientation to distributed control systems based on the common control pattern of transducer to controller to control valve and the prevailing electronic

data processing system. Many intricate combinations of equipment are required in the maintenance of these instrumentation systems. This paper cites three major elements...

...maintain the total system accuracy, databases about maintenance data and the effect of the input signal error on operation (transmission) output are constructed and used. A concept of process validation in which the maintenance service...

...Descriptors: distributed control

...Identifiers: distributed control systems...

...controller ; ...

...electronic data processing system

19/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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00650239 INSPEC Abstract Number: B74024042

Title: Faces and fax in a TV conference system

Author(s): Friedman, S.N.

Author Affiliation: RCA Global Communications Inc., New York, NY, USA

Journal: RCA Engineer vol.19, no.3 p.25-9

Publication Date: Oct.-Nov. 1973 Country of Publication: USA

CODEN: RCAEBC

Language: English

Title: Faces and fax in a TV conference system

Abstract: The TV conference network described in this paper was developed for use within a proposed Corporate Microwave Network. It provides for (1) a two-way live video channel for remote conferencing, (2) a camera-facsimile channel for electronic mail service, (3) a call director control and switching unit at each subscriber terminal, and (4) a distribution system to deliver the information to the end destination. It is also directly suited for use via domestic satellite systems and two-way cable TV. Planning has been based on the modular concept throughout to allow for expansion, added functions, and new and improved services. Full color capability is included in the video system but near-term transmission from most terminals will be monochrome, since the requirement is maintained throughout for very low cost terminals and for normal room lighting operations within the skill level of the average participating executive.

Descriptors: communication networks ; ...

...microwave links...

...television networks

Identifiers: TV conference network ; ...

...video channel for remote conferencing...

...facsimile channel for electronic mail ; ...

...call director control and switching unit ; ...

...distribution system...

...normal room lighting

19/3,K/4 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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2027733 NTIS Accession Number: DE97052547/XAB

**CORBA-based manufacturing environment**

Pancerella, C. M. ; Whiteside, R. A. ; Klevgard, P. A.  
Sandia National Labs., Albuquerque, NM.  
Corp. Source Codes: 068123000; 9511100  
Sponsor: Department of Energy, Washington, DC.  
Report No.: SAND-96-8557  
Aug 96 34p  
Languages: English  
Journal Announcement: GRAI9724; ERA9741  
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NTIS Prices: PC A04/MF A01

A CORBA-based **distributed** object software system was developed for Sandia's Agile Manufacturing Testbed (SAMT). This information architecture

...

... in both time and cost of the product realization process; and integration within a heterogeneous, wide-area **networked** enterprise. Features of the resulting software-controlled manufacturing environment are: (1) Easy plug-and-play of manufacturing **devices**. (2) Support for both automated and manual **operations**. (3) Information flow both into and out of manufacturing **devices**. (4) Dynamic task sequencer. Each of the heterogeneous physical objects (lathe, milling machine, robot arm...

... a corresponding software object that supports a common IDL interface called **IDevice**. This interface provides **operations** for material processing, material movement, status monitoring, and other administrative tasks. CORBA objects allow for the encapsulation of a machine tool, its **controller**, and the **network** interface to the **controller**. Both manual and automated **operations** are supported by the software system. If an **IDevice** object receives a **request** for a non-automated **operation**, it uses an associated **Console** object to affect the **operation** by communications with a human machinist. A design goal of the **Console** object for a machine is to provide an information-intensive environment for the machinist, rather than just the **transmittal of instructions** to be carried out. In **addition** to the flow of **information** into manufacturing **devices** (e.g., control and NC code), the software architecture supports the easy extraction of **data** (e.g., sensor **data** or inspection reports) back out of the machine and into the broader information processing environment. The task sequencer object dynamically locates **devices**, accepts jobs, and dispatches tasks in the manufacturing cell. A job script captures setup **operations**, material movement, and processing.

19/3,K/5 (Item 2 from file: 6)

DIALOG(R)File 6:NTIS

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1364974 NTIS Accession Number: DE88002690

**Impact of Automation on the Reliability of the Athens Utilities Board's Distribution System**

Monteen, L. D. ; Lawler, J. S. ; Lai, J. S. ; Patton, J. B. ; Rizy, D. T.  
Athens Utility Board, TN.  
Corp. Source Codes: 090689000; 9515270  
Sponsor: Tennessee Univ., Knoxville.; Patton (J.B.), Knoxville, TN.; Oak Ridge National Lab., TN.; Department of Energy, Washington, DC.

Report No.: CONF-880219-2

1987 8p

Languages: English Document Type: Conference proceeding

Journal Announcement: GRAI8813; NSA1300

IEEE winter power meeting, New York City, NY, USA, 2 Feb 1988.

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NTIS Prices: PC A02

#### **Impact of Automation on the Reliability of the Athens Utilities Board's Distribution System**

In this paper we discuss the reliability effects of distribution automation on the Athens Utilities Board (AUB) in Athens, Tennessee. This investigation is part of...

... and Control Experiment sponsored by the US Department of Energy, Office of Energy Storage and Distribution , Electric Energy Systems Program. In this experiment, distribution feeder equipment on twelve feeders connected to three substations is being remotely controlled from a central dispatch center. A supervisory control and data acquisition system provides substation and feeder monitoring and remote control of feeder circuit breakers, power reclosers, and load break switches. An analytical study is presented to show the improvement in conventional distribution system reliability indices that are achieved at AUB as a function of the penetration of automation equipment . The value of automation predicted by the study is highly sensitive to the historical outage...

... well known and account, at least in part, for the reluctance of some upper utility managers to invest in automation systems. Operating experience with the AUB automation system has shown that...

... benefits and tangible cost savings associated with automation that are outside the scope of conventional distribution reliability indices. Eight case studies are described, from actual AUB operations , where the automation system resulted in significant cost savings and reliability benefits that are not...

... Other utilities should expect similar benefits, which will be difficult to quantify analytically but, which add to the value of and justification for distribution automation. 4 refs., 3 figs., 4 tabs...

Descriptors: Electric Utilities; Automation; Computerized Control Systems ; Cost Benefit Analysis; Data Acquisition; Electronic Equipment ; Equipment Protection Devices ; Failures; P Codes; Power Distribution Systems; Reliability; Tennessee

19/3,K/6 (Item 3 from file: 6)

DIALOG(R)File 6:NTIS

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0917808 NTIS Accession Number: AD-A103 351/3/XAB

Crosstalk Levels of Speech Plus Data in Remote Communications  
Air-Ground (RCAG)

(Final rept. Aug 79-May 80)

Rehmann, A. J.

Federal Aviation Administration Technical Center, Atlantic City, NJ.

Corp. Source Codes: 015213000; 411863

Report No.: FAA-CT-80-38

Jun 81 6lp

Languages: English

Journal Announcement: GRAI8126

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NTIS Prices: PC A04/MF A01

Crosstalk Levels of Speech Plus Data in Remote Communications  
Air-Ground (RCAG)

The Federal Aviation Administration (FAA) is proposing the addition of a digital data channel to the existing telephone lines which connect air route traffic control centers (ARTCC's) with remote communications

air-ground (RCAG) sites to economically transfer **Remote Monitoring System** (RMS) parameters and control data between the ARTCC's and the sites. FAA Specification FAA-E-2699a establishes the maximum allowable interference level to pilot/controller communications which would be allowed to result from the addition of the data channel. The tests described in this document were designed to verify that...

... in FAA-E-2699a are sufficient to prevent disturbance to normal air traffic control (ATC) operations . The tests were performed by simulating and existing communications channel using data modems and samples of present-day Voice Frequency Control System (VFCS) equipment . Crosstalk levels of speech and data were measured under actual operating conditions. The test results indicated that the addition of an RMS data channel to existing FAA telephone lines is technically feasible and that the requirement in FAA-E -2699a concerning the data crosstalk in the audio portion of the communication channel is not adequate to prevent disturbance to normal ATC operations . The requirements concerning data crosstalk in the control portion and VFCS crosstalk in the data...

Descriptors: Air traffic control systems; \*Voice communications; \*Digital systems; \*Data links; \*Crosstalk; Parameters; Standards; Channels; Data transmission systems; Telephone systems; Modems; Remote detectors; Monitoring

Identifiers: RCAG **Remote Communications Air Ground**; NTISDODXA

19/3,K/7 (Item 4 from file: 6)

DIALOG(R)File 6:NTIS

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0813419 NTIS Accession Number: JAERI-M-7786/XAB

**'Micro-8' Micro-Computer System**

Yagi, H. ; Nakahara, Y. ; Yamada, T. ; Takeuchi, N. ; Koyama, K.

Japan Atomic Energy Research Inst., Tokyo.

Corp. Source Codes: 014802000; 3413000

Aug 78 79p

Languages: Japanese

Journal Announcement: GRAI8013

In Japanese.

U.S. Sales Only. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A05/MF A01

The micro-computer Micro-8 system has been developed to organize a data exchange network between various instruments and a computer group including a large computer system. Used for packet exchangers and terminal controllers , the system consists of ten kinds of standard boards including a CPU board with INTEL...

... architecture, BUS architecture, interrupt control, and standard-boards function are explained in circuit block diagrams. Operations of the basic I/O device , digital I/O board and communication adapter are described with definitions of the interrupt ramp status, I/O command , I/O mask, data register, etc. In the appendixes are circuit drawings, INTEL-8080 micro-processor specifications, BUS connections, I/O address mappings, jumper connections of address selection, and interface connections. (Atomindex citation 10:471149)

Descriptors: Microprocessors; Data processing; Data transmission ; Diagrams; Electronic circuits; Equipment interfaces

19/3,K/8 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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02699223 E.I. Monthly No: EI8901001910

Title: MODAR: a modular digital data recorder.

Author: Schneider, Josef F.  
Corporate Source: US Air Force Weapons Lab, Kirtland AFB, NM, USA  
Conference Title: Proceedings of the 34th International Instrumentation  
Symposium  
Conference Location: Albuquerque, NM, USA Conference Date: 19880502  
E.I. Conference No.: 11901  
Source: Instrumentation in the Aerospace Industry, Proceedings 34th 1988.  
Publ by ISA, Research Triangle Park, NC, USA. p 381-390  
Publication Year: 1988  
CODEN: IASIBZ ISSN: 0096-7238  
Language: English

...Abstract: version of a complete data acquisition, recording and display system with 96 channels for any combination of bridge type or piezoelectric transducers. Its operation is remote from channel setup to recording. A MicroVAX computer sets up the bridge calibration resistor (or...)

...bit resolution, and 64k (expandable to 256k) recording memory. Data of all 96 channels are transmitted from the remote recorder via RS232 link to the controller and recorded on cartridge tape in 30 min. A laser printer turns out 96 size...

...housed in 50 g hardened containers of 1.3 cft each and form a forward unit with integral control, power distribution, and modem. MODAR is intended to replace obsolescent frequency multiplex telemetry analog recording systems, improving...

...Descriptors: Data Acquisition; PIEZOELECTRIC TRANSDUCERS;  
**ELECTRONIC EQUIPMENT ; MODEMS**  
Identifiers: MODULAR DIGITAL DATA RECORDER; BRIDGE CALIBRATION RESISTOR; CHANNEL BANDWIDTH; LASER PRINTER; POWER DISTRIBUTION

28/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

5583917 INSPEC Abstract Number: C9706-7210-042

Title: Information managers/librarians in the year 2006: prophets, princes or poohbahs?

Author(s): Winzenried, A.

Author Affiliation: Liydale Adventist Acad., Australia

Conference Title: Online Information 96 Proceedings. 20th International Online Information Meeting p.7-12

Editor(s): Raitt, D.I.; Jeapes, B.

Publisher: Learned Inf. (Europe), Oxford, UK

Publication Date: 1996 Country of Publication: UK xviii+487 pp.

ISBN: 1 900871 04 1 Material Identity Number: XX96-03405

Conference Title: Proceedings of Online Information 96

Conference Sponsor: The Guardian

Conference Date: 3-5 Dec. 1996 Conference Location: London, UK

Language: English

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...Abstract: Clearly the Internet is now an important medium and information management needs to include this **device**. Online data is increasingly providing an economical means of accessing large quantities of data, though not necessarily precisely what individual clients require. Perhaps the answer lies in two **directions**, both needing consideration. On the one hand we need reliable **equipment** and perhaps a new generation of **electronic data** technicians to make that **equipment** and its networking reliable. Secondly we need sound software support that allows integration of data into Internet useable formats, **incorporates** the Net itself and communicates readily yet is able to be catalogued, refined and maintained

...

28/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

5214351 INSPEC Abstract Number: B9605-6220C-001

Title: Clear service phones: Residential screenphones for advanced analog network services

Author(s): Buckley, D.; Lenane, S.

Author Affiliation: Alcatel Network Syst., Zaventem, Belgium

Journal: Alcatel Telecommunications Review spec. issue. p.14-18

Publisher: Alcatel Alsthom Publications,

Publication Date: 1995 Country of Publication: UK

ISSN: 1242-0565

SICI: 1242-0565(1995)L.14:CSPR;1-D

Material Identity Number: D445-96001

Language: English

Copyright 1996, IEE

...Abstract: the user interface with visual screen based guidance; secondly, to allow the development of value added information services from the RBOCs such as **electronic directories**, visual voice **mail**, bill payment, service ordering, etc.; thirdly, to encourage the development of third party interactive services...

...technology that considerably improves the use of services by eliminating the need to remember service **activation** codes and events by giving a visual context-sensitive interface by screen prompts (softkeys & labels...

28/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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4670315 INSPEC Abstract Number: B9406-6210L-120, C9406-7210L-022

Title: Electronic document delivery using the Internet

Author(s): Bennett, V.M.; Palmer, E.M.

Author Affiliation: Thomas Jefferson Univ. Med. Center, Philadelphia, PA,  
USA

Journal: Bulletin of the Medical Library Association vol.82, no.2  
p.163-7

Publication Date: April 1994 Country of Publication: USA

CODEN: BMLAAG ISSN: 0025-7338

Language: English

...Abstract: Interlibrary Loan, Document Delivery, and Union List Task Force, appointed by the HSLC Board of Directors, successfully demonstrated the feasibility of supplying 94% of all interlibrary loan (ILL) photocopy requests in forty-eight hours or less by a network application of group 3-level memory telefacsimiles. However, the expenses associated with the telefacsimile operation and the limitations associated with network polling protocols challenged participants to seek new alternatives for...

... the thirteen institutions and their resources while providing access to the Internet. The HSLC HealthNET additionally supports a centralized shared library system, several locally mounted databases, and consortiumwide electronic mail. In 1991, a project was initiated to evaluate Ariel software, pioneered by the Research Libraries...

... describes the Ariel project history, the transition to Ariel from the telefacsimile network, evaluation of equipment features for processing efficiency, and operational issues affecting ILL policy.

28/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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03855577 INSPEC Abstract Number: C91030060

Title: Porting UNIX to the 386: a practical approach (designing the software specification)

Author(s): Jolitz, W.F.; Jolitz, L.G.

Journal: Dr. Dobb's Journal vol.16, no.1 p.16-18, 20, 22-4, 28, 30, 32, 34, 36, 38-40, 42, 46

Publication Date: Jan. 1991 Country of Publication: USA

CODEN: DDJSDM ISSN: 0884-5395

Language: English

...Abstract: specification; 386BSD port goals; microprocessor and system specification issues; 80386 memory management; segmentation; kernel linear address space overheads; per-process data structures; virtual memory address translation mechanisms; user to kernel communication primitives; Berkley UNIX virtual memory management strategy; process context...

... mechanisms; other processor faults; system call interface; system specific (ISA) issues; physical memory map; ISA device controllers ; ISA device auto configuration; interrupt priority level management; and bootstrap operation .

28/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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03540511 INSPEC Abstract Number: B90011018

Title: Memory structure and data flow control for HDTV systems

Author(s): Heeren, H.; Selinger, T.

Author Affiliation: Heinrich-Hertz-Inst. Berlin GmbH, West Germany

Journal: ITG-Fachberichte vol.110 p.169-74

Publication Date: 1989 Country of Publication: West Germany

CODEN: ITGFEY ISSN: 0341-0196  
Conference Title: Mikroelektronik fur die Informationstechnik  
(Microelectronics for Information Technology)  
Conference Date: 3-5 Oct. 1989 Conference Location: Stuttgart, West  
Germany  
Language: German

**Abstract:** Most of the algorithms recommended for the signal processing components of HDTV require the storage of the video signal in some form of memory. For the installation of integrated HDTV subsystems in systems with various configurations, variable control of the data flow, i.e. flexible memory addressing, is necessary. This paper discusses various memory design concepts and their interaction with a controller, deriving the addressing function from the signal processing algorithms. The development of the controller is described, and also a compact system implementation using the most modern construction and interconnection...

28/3,K/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC  
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03536223 INSPEC Abstract Number: B90006758

**Title:** Direct digital synthesizers, devices refine the art of frequency synthesis

Author(s): Gallant, J.A.

Journal: EDN vol.34, no.23 p.95-104

Publication Date: 9 Nov. 1989 Country of Publication: USA

CODEN: EDNSBH ISSN: 0012-7515

Language: English

...Abstract: frequency resolution of a fraction of a hertz and switching speeds in the nanoseconds. In addition, a DDS can switch from one frequency to another in a phase-continuous manner, whereas...

...communications and arbitrary-waveform generation. Further, recent advances in DAC technology, memory circuits, and digital controllers have opened up applications for the DDSs that were once exclusively in the PLL domain: electronic warfare, digital data links, test-signal generators commercial-satellite systems, and very-small-aperture-terminal systems. To construct a basic DDS, you can use a counter that addresses a digital look-up table that contains samples of a specific waveform. However, for flexibility modern DDS systems use a phase accumulator instead of a counter to generate the addresses for the look-up table.

28/3,K/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC  
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03128728 INSPEC Abstract Number: C88030867

**Title:** An intelligent, window based interface to UNIX

Author(s): Borthwick, S.; Nicol, J.R.; Blair, G.S.

Author Affiliation: Dept. of Comput., Lancaster Univ., UK

Conference Title: EUUG Autumn '87 Conference Proceedings p.225-41

Publisher: Eur. UNIX Syst. User Group, Buntingford, UK

Publication Date: 1987 Country of Publication: UK 286 pp.

Conference Date: 21-25 Sept. 1987 Conference Location: Dublin, Ireland

Language: English

...Abstract: interaction known as direct manipulation. Direct manipulation assumes an environment of objects and associated semantic information (i.e. attributes). It encompasses the ability to select objects with a pointing device, display and issue commands associated with the objects and change attributes of the objects. This kind of interface helps a user in several ways. Displaying UNIX objects (files, directories, etc.) as icons provides a more natural interface. In

**addition , the association of semantic information with objects makes it easier to provide a more intelligent...**

**28/3,K/8 (Item 8 from file: 2)**  
DIALOG(R)File 2:INSPEC  
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03003758 INSPEC Abstract Number: C87065487

**Title: Multitasking keys SCSI control of large SMD-compatible disks**  
**Author(s): Bowman, R.**  
**Author Affiliation: NCR Corp., Wichita, KS, USA**  
**Journal: Electronic Design vol.35, no.15 p.89-94**  
**Publication Date: 25 June 1987 Country of Publication: USA**  
**CODEN: ELODAW ISSN: 0013-4872**  
**Language: English**

**Abstract:** Among the first SCSI **controllers** for SMD-compatible (storage module **device**) drives is NCR Corp.'s ADP-48, which has a full 16-bit architecture and a 32-kbyte, dynamically allocated **virtual** buffer for multithreaded **data operation** among four connected SMD- or enhanced storage module **device**-compatible disk drives. The **controller**'s scheduling and multitasking capabilities, such as its ability to perform overlapping seek **operations**, ensure that the SCSI bus seldom stays connected and idle when the host system needs an I/O activity. As shown by a block diagram of the ADP-48 **controller**, the SCSI interface contains the SCSI protocol chip; the FIFO buffer, which balances transfer rates...

... and receivers. The disk interface contains the interface logic, drivers and receivers. The ADP-48 **controller** supplies up to four SMD plug-compatible interfaces for disk drives with transfer rates from 10 MHz to 24 MHz (1.92 to 4 Mbytes/s). The **controller** core contains Intel's 80186 microprocessor, a disk read/write **controller** chip, the on-board buffer, and buffer-arbitration logic. The heart of the **controller** is a multitasking executive **embedded** in ROM, called the kernel. The kernel schedules and maintains all I/O tasks and resources within the **controller**

**28/3,K/9 (Item 9 from file: 2)**  
DIALOG(R)File 2:INSPEC  
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02753918 INSPEC Abstract Number: B86064632, C86052874

**Title: The 3+ network family**  
**Journal: Database and Network Journal vol.16, no.2 p.12-13**  
**Publication Date: 1986 Country of Publication: UK**  
**CODEN: DNJODC ISSN: 0265-4490**  
**Language: English**

...Abstract: is the central product in the 3+ family, supplying facilities for multi-user file service, **directory** name service, network management, network security, peripheral sharing and dial-in network access. 3+Share also provides the software base for other services such as internetwork communications, **electronic mail** and mainframe gateways. 3+Route enables two or more 3+ networks to be connected through...

...connects stand-alone personal computers to 3+ networks. As with 3+Route, all nodes are **addressed** solely by name, united on a single wide-area network. 3+Mail provides store-and...

... allow messages to be sent at any time, regardless of whether the receiving node is **activated**. 3+Path offers customers who want to purchase or continue using EtherSeries products an assured...

... Menus provides full screen, user-tailorable menus to simplify use of such functions as network **commands**, application programs and DOS utilities. 3+3270 software permits any personal computer on a 3...

... 3279-type terminals for communications with IBM mainframes. 3+Backup, included with the 3Server tape unit , provides network-wide data integrity and reliability.

28/3,K/10 (Item 10 from file: 2)  
DIALOG(R)File 2:INSPEC

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02715354 INSPEC Abstract Number: D86002162

Title: Telecom managers seeking more autonomy

Journal: The Office vol.103, no.5 p.73

Publication Date: May 1986 Country of Publication: USA

CODEN: OFISAD ISSN: 0030-0128

Language: English

Abstract: Corporate telecommunications **managers** want more autonomy for their expanding departments-independent from finance/administration, according to a recent study. The **managers** say they want to expand their departments' responsibilities to cover the broad range of **equipment**, services and functions now connected by telecommunications. Many cited a desire to add such **additional** services as **electronic mail** and integration of voice and data traffic. Over 80% of the respondents revealed that the...

... on organizations than ever before. The function is overlapping the office automation and data processing **operations** and becoming strategically important as the 'distribution system' for information resources in an increasingly information...

28/3,K/11 (Item 11 from file: 2)  
DIALOG(R)File 2:INSPEC  
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02581269 INSPEC Abstract Number: D86000387

Title: Moving mail: the systems solution

Author(s): Paez, P.

Journal: Today's Office vol.20, no.5 p.47

Publication Date: Oct. 1985 Country of Publication: USA

CODEN: TOOFDN ISSN: 0744-2815

Language: English

Abstract: One of the primary benefits of automated mailing systems is that such **equipment** can be easier to operate than older **devices**. In **addition**, microcomputers and minicomputers, list management software and direct-impression printers allow the mailroom's **operations** to be decentralised. Digital electronic scales increase accuracy and save time. Interfaced to postage meters and mailing machines, these electronic scales weigh material precisely, select the most economical rate, and **affix** postage. Also, an accumulating printer, which interfaces with the scales and the mailing machine, tracks daily activity. It can provide detailed audit trails and **managerial** accounting information. Postage-by-phone systems are also growing in popularity. These use an electronic-funds-transfer approach and are compatible with virtually all mailing machines. Mail -extracting **equipment** and **electronic** folding machines are other examples of automation in the mailroom. Automation is not the only trend in today's mailroom. The design and manufacture of mailroom **equipment** has also improved. The indications are that the mailroom is finally being recognised as a...

28/3,K/12 (Item 12 from file: 2)  
DIALOG(R)File 2:INSPEC  
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01699618 INSPEC Abstract Number: C81021444

Title: What's new in intelligent copying?

Journal: Government Data Systems vol.9, no.6 p.12, 20, 31

Publication Date: Nov.-Dec. 1980 Country of Publication: USA

CODEN: GVDSBD ISSN: 0046-6212

Language: English

Abstract: A machine that combines several office operations such as word processor printing, electronic mail, remote computer printing and direct copying in a single unit is undoubtedly a desirable addition to most government DP personnel or office managers requiring these services. The author discusses how Xerox has introduced such a system. The 5700...

28/3,K/13 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1870959 NTIS Accession Number: PB95-502787

Remedial Program Managers (RPM) EPA National Site Data (for Microcomputers)

(Data file)

Environmental Protection Agency, Washington, DC. Office of Emergency and Remedial Response.

Corp. Source Codes: 031287614

Report No.: EPA/DF/DK-95/010

Aug 93 diskette

Languages: English

Journal Announcement: GRAI9512

This product contains text only. Customers must provide their own search and retrieval software. Self-extracting executable files. 10 MB hard disk space required. Files are compressed. See also PB95-963201, PB91-591311, and PB95-500104.

The datafile is on one 3 1/2 inch DOS diskette, 1.44M high density. File format: ASCII text. Documentation not available separately. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703) 605-6000 (other countries); fax at (703) 321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: CP D02

... RPM Site Database is a subset of information collected by interviewing EPA Regional Remedial Project Managers (RPMs) during the summer of 1993. The interviews collected key data on 1,249 final...

... provided technical insight with respect to each site, including projected costs, potential future land use, additional work to be carried out at the site, and other pertinent information. RPMs were encouraged...

... database be used to assess national trends and not for site-specific analyses. Site identification information (e.g. region, state, location, facility ID, operable units, etc) was taken from CERCLIS, the official Superfund program data repository. Other data types are...

... e.g. de minimis parties, owners, generators/transporters, municipalities); (3) response actions, including media being addressed, future land use assumptions, basis for selected response actions and cleanup standards; (4) cost information, including projected capital and operation and maintenance (O&M) costs. The user guide appendix contains tabulated responses to all questions on the RPM data collection form and a data...

28/3,K/14 (Item 2 from file: 6)

DIALOG(R)File 6:NTIS

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1406236 NTIS Accession Number: AD-A199 908/5

**Development of the Regulatory Commission and Knowledge Base System and Investigation of Possible Augmentation Technologies**  
(Final rept)

Fittipaldi, J. ; Glosser, D. ; Erb, C.

Construction Engineering Research Lab. (Army), Champaign, IL.

Corp. Source Codes: 054831000; 405279

Report No.: CERL-TR-N-88/10

Jul 88 50p

Languages: English

Journal Announcement: GRAI8904

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A03/MF A01

...CERL) has investigated potential computer-based methods for addressing these issues for the Regulatory Branch, Operations and Readiness Division, Directorate of Civil Works, Headquarters, U.S. Army Corps of Engineers (CECW-OR). This report discusses the development of an electronic mail and bulletin board system for the Regulatory Branch. It also assesses the feasibility of supplementing...

... options were found to be desirable and feasible, and a prototype expert system was developed. Appendices document the features used to select an expert system shell, and the prototype expert system...

... Report N-88-11, User Manual for the Regulatory Communication and Knowledge Base System, provides instructions for the bulletin board and electronic mail system. (sdw)

**28/3,K/15 (Item 3 from file: 6)**

DIALOG(R)File 6:NTIS

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1365614 NTIS Accession Number: ED-288 498

**Coordination and Evaluation of Videodisc and Microcomputer Programs.**  
**Final Technical Report**

McLaughlin, D. H.

American Institutes for Research in the Behavioral Sciences, Palo Alto, CA.

Corp. Source Codes: 001520000

Sponsor: Department of Education, Washington, DC.

Report No.: AIR-22300-12/83-FTR

Dec 83 179p

Languages: English

Journal Announcement: GRAI8813

Available from ERIC Document Reproduction Service (Computer Microfilm International Corporation), 3900 Wheeler Ave., Alexandria, VA 22304-5110.

NTIS Prices: Not available NTIS

... schools in 15 states to explore the potential of a new technology for basic skills instruction . Initiated in 1981 and completed at the end of 1983, the project involved a wide variety of activities, ranging from software development and documentation to equipment acquisition and repair, including on-site and telephone consultations and problem-solving for participating schools, and the production of a series of newsletters and a descriptive network directory . Background material provides descriptions of interactive videodisc technology, electronic mail technology, and innovations in the schools. Site selection, overviews of support activities for interactive videodisc and electronic mail , and observations are included in the section on methodology, and the findings are reported under...

... 3) Needs, Skills, and Time of School Staff; and (4) Communication via

Electronic Networks. Eight appendices make up the major part of the report: (1) Participants in the ViM Network; (2) Sample of the ViM Network Newsletter; (3) ViM Network Directory ; (4) Reprint of Articles from Videodisc News; (5) Instructions for ViM-SCRIPT; (6) Example of a ViM Script; (7) Classroom Teacher's Courseware Assessment...

28/3,K/16 (Item 4 from file: 6)  
DIALOG(R)File 6:NTIS

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1210648 NTIS Accession Number: NTN85-0615

Digital Stepping-Motor Control System: Maximum acceleration can be achieved without sacrificing synchronization

(NTIS Tech Note)

Department of Energy, Washington, DC.

Corp. Source Codes: 052661000

Jun 85 1p

Languages: English

Journal Announcement: GRAI8602

Write NTIS for information about Tech Notes subscriptions and back issue packages available.

NTIS Prices: Not available NTIS

... that is responsive to the output of the motor and provides accurate input to the controller . An encoder, located on the output shaft of the motor, generates signals to the digital processor, which then interprets and identifies the actual step position of the motor. ...FOR ADDITIONAL INFORMATION: Detailed information about the technology described may be obtained by ordering the NTIS report...

... Assistant General Counsel for Patents, U.S. Department of Energy, Washington, DC 20585. For other information , contact: James E . Swansen, MS E540, Los Alamos National Laboratory, Los Alamos, NM 87545; (505) 667-2187.

28/3,K/17 (Item 5 from file: 6)  
DIALOG(R)File 6:NTIS

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1161526 NTIS Accession Number: DE85003030

High Energy Physics. Progress Report, March 1, 1984-February 28, 1985

Phillips, G. C. ; Roberts, J. B.

Rice Univ., Houston, TX. Bonner Nuclear Labs.

Corp. Source Codes: 013977004; 5517000

Sponsor: Department of Energy, Washington, DC.

Report No.: DOE/ER/05096-15

25 Oct 84 150p

Languages: English

Journal Announcement: GRAI8509; NSA1000

Paper copy only, copy does not permit microfiche production. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A07

... method used to approximate energy-momentum conservation, while a Field-Fox-Wolfram model fits the E -609 data and lends indirect evidence of gluon bremsstrahlung effects. Comparison of pi and p induced large...  
... revealed a new, unique event structure with little or no energy along the pi -beam direction when compared to the p-beam events. New data were obtained for p-Nuclear collisions...

... E-782 (AGS). E-704 received second stage approval with an agreement signed by the director of FNAL. The experiment is scheduled to start

January 1987, so that detailed design of equipment was commenced and the need for equipment funds became acute. In addition, progress was made in theoretical physics and in instrumentation. During the year Dr. Paul Stevenson joined our group and started new, basic research in elementary particle theory in the areas of...

... in instrumentation made during the year included a start on MWPC design for E-704 equipment for which Rice is committed. New electronic design studies included a new MWPC readout system...

28/3,K/18 (Item 1 from file: 8)

DIALOG(R) File 8:Ei Compendex(R)

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03846237 E.I. No: EIP94041268488

Title: System identification of a three-phase submerged arc ferrosilicium furnace

Author: Hauksdottir, Anna Soffia; Soderstrom, Torsten; Thorfinnsson, Yngvi Pall

Corporate Source: Univ of Iceland, Reykjavik, Icel

Conference Title: Proceedings of the 32nd IEEE Conference on Decision and Control

Conference Location: San Antonio, TX, USA Conference Date: 19931215-19931217

E.I. Conference No.: 20202

Source: Proceedings of the IEEE Conference on Decision and Control v 4 1993. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA. p 3864-3869

Publication Year: 1993

CODEN: PCDCDZ ISSN: 0191-2216 ISBN: 0-7803-1298-8

Language: English

...Abstract: currents, which is done by positioning of the electrodes, is examined. The existing electrode current controller is effectively composed of three SISO (single input single output) loops, each controlling one electrode...

...Data were collected at Icelandic Alloys Ltd., using experiments conducted mostly in open-loop, i.e. data collected for the dynamic system identification using electrode positions as inputs and electrode currents as...

...for estimation of conductance changes and other disturbances. The positioning of electrodes responding to control signals was, however, estimated from measurements in closed-loop. Data collection for the dynamic system identification...

...with auxiliary input) MIMO (multiple input multiple output) models were tried using various model orders, combinations of inputs and input delays. Then, dependent parameters due to symmetry in the three electrodes

...

28/3,K/19 (Item 2 from file: 8)

DIALOG(R) File 8:Ei Compendex(R)

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03309093 E.I. Monthly No: EI9110120386

Title: Your telephone line to cleaner production.

Author: Hulley, Bernard

Corporate Source: Warren Spring Laboratory, Stevenage, Engl

Source: Chemical Engineer (London) n 493 Mar 28 1991 p 37

Publication Year: 1991

CODEN: CMERA9 ISSN: 0302-0797

Language: English

...Abstract: of facilities: Databases covering: case studies in cleaner technology, corporate and national environmental programs, a directory of

documents and contacts in the environmental field, international legislation, and a calendar of events. There are also **directories** of clean technology **equipment**, services and access to the databases in the US EPA system. A bulletin board allows messages to be exchanged between individuals or **addressed** to a selected group of users. It may be used for example to **request** information, arrange waste exchange or simply pass **messages**. Topical **electronic** 'conferences' for exchange of information and views on specific fields related to cleaner production. The...

**28/3,K/20 (Item 3 from file: 8)**

DIALOG(R)File 8:Ei Compendex(R)

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03065041 E.I. Monthly No: EIM9105-021361

**Title:** Communications backup optimization problem formulation.

**Author:** Monticone, Leone C.

**Corporate Source:** MITRE Corp, McLean, VA, USA

**Conference Title:** Proceedings of the Twenty-First Annual Pittsburgh Conference Part 2 (of 5)

**Conference Location:** Pittsburgh, PA, USA **Conference Date:** 19900503

**E.I. Conference No.:** 14260

**Source:** Expert Systems, Artificial Intelligence, Neural Networks, Vision, Manufacturing Modeling and Simulation, Proceedings of the Annual Pittsburgh Conference v 21 pt part 2. Publ by Soc for Computer Simulation Int, San Diego, CA, USA. p 805-811

**Publication Year:** 1990

**CODEN:** MSPCD4

**Language:** English

...Abstract: high priority issue for the Federal Aviation Administration (FAA) in providing communications services for the **operation** of its air traffic control (ATC) system is that the availability of critical services (e.g., data or voice communications between air traffic **controller** and pilot) be very high. The FAA's goal is to achieve an availability of...  
...one must take into consideration all of the available communications media options (e.g., satellite, **microwave**, leased services, etc.) and strategies (e.g., optimal selection of multiplexing points at Telco offices  
...

...implementation for each service out of a list of previously generated alternatives so that the **combination** of selected alternatives over all services in a geographical area is globally optimal. One of...

**28/3,K/21 (Item 1 from file: 35)**

DIALOG(R)File 35:Dissertation Abstracts Online

(c) 2000 UMI. All rts. reserv.

01491392 ORDER NO: AADAA-I9621237

**A CONTROL AND DIAGNOSTIC SYSTEM FOR THE PHOTOLITHOGRAPHY PROCESS SEQUENCE (EXPERT SYSTEM)**

**Author:** LEANG, SOVARONG

**Degree:** PH.D.

**Year:** 1995

**Corporate Source/Institution:** UNIVERSITY OF CALIFORNIA, BERKELEY (0028)  
**Source:** VOLUME 57/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2021. 146 PAGES

...only by measurement error and model prediction error.

A diagnostic system, which complements and is **activated** by the control system, has also been developed. Its goal is to assist the operator in diagnosing the cause of the decreased machine performance. As in the case of the **controller**, its structure is also generic and can be applied on any machine. The diagnostic system...

...valid in most process domains. The main novelty of our diagnostic system

is that it incorporates both shallow and deep level information as evidence, so that any evidence can be used to diagnose faults. Typically, current diagnostic systems only handle one type of information (i.e., either shallow level or deep level only), which limits their diagnosis capabilities, since some faults...

...a software version of the diagnostic system, and we have tested it on real photolithography equipment malfunctions and drifts. Although it is often successful in diagnosing the correct fault, the diagnostic...

28/3,K/22 (Item 1 from file: 94)  
DIALOG(R)File 94:JICST-Eplus  
(c)2000 Japan Science and Tech Corp(JST). All rts. reserv.

01636569 JICST ACCESSION NUMBER: 92A0830891 FILE SEGMENT: JICST-E  
**Information and Communication Network System.**  
HAYAKAWA YOSHIHIRO (1); YASHIO HITOSHI (1); MACHIDA KAZUHIRO (1); HANAURA TOSHITAKA (2)  
(1) Matsushita Electric Industrial Co., Ltd.; (2)  
Matsushitadenkisangyoshisutemu Hiroshimaken  
Natl Tech Rep, 1992, VOL.38,NO.5, PAGE.454-462, FIG.11  
JOURNAL NUMBER: G0474AAH ISSN NO: 0028-0291 CODEN: NTROA  
UNIVERSAL DECIMAL CLASSIFICATION: 621.394/.395  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

...ABSTRACT: The application systems on this network system include electronic document handling, on-line reservation, schedule management, electronic mail /bulletin board, electronic telephone directory, document management, and desk-top conference. Integrated management and application are carried out by the...

...network management system. The network system fully supports the total flow of office work including managers', making it possible to provide each person with a workstation to promote paperless operations. In addition, a certification system is realized for hierarchical secret protection at sectional and personal levels. The...

28/3,K/23 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2000 The HW Wilson Co. All rts. reserv.

1202969 H.W. WILSON RECORD NUMBER: BAST94071632  
**Integrating systems on the bridge**  
Dooling, Dave;  
IEEE Spectrum v. 31 (Dec. '94) p. 30  
DOCUMENT TYPE: Feature Article ISSN: 0018-9235

ABSTRACT: The electronic chart display information system (Ecdis) will join a growing number of electronic systems likely to be integrated into a single bridge control system. The gyrocompass, the radio direction finder, the radar, and depth sounders were the first electronic additions to the bridge. These were followed by engine room telegraphs and sensors and controls that...

...ballast levels. The current trend is toward displays of the type available to air traffic controllers .

32/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

5269375 INSPEC Abstract Number: B9607-7520H-004, C9607-7850-004

Title: An integrated approach to Smart House technology for people with disabilities

Author(s): Allen, B.

Author Affiliation: Tech. Div., Central Remedial Clinic, Dublin, Ireland  
Journal: Medical Engineering & Physics vol.18, no.3 p.203-6

Publisher: Elsevier,

Publication Date: April 1996 Country of Publication: UK

CODEN: MEPHEO ISSN: 1350-4533

SICI: 1350-4533(199604)18:3L.203:IASH;1-H

Material Identity Number: B478-96003

U.S. Copyright Clearance Center Code: 1350-4533/96/\$15.00+0.00

Language: English

Copyright 1996, IEE

Title: An integrated approach to Smart House technology for people with disabilities

Abstract: It is now commonly accepted that 'Smart House' technology can play a significant part in helping both elderly and disabled people enjoy a...

...examine a number of factors: the development of the appropriate Home Bus technologies and supported devices ; the development of the appropriate user interfaces that will allow people with a range of special needs use the system; the incorporation of the requirements of the 'Smart House controller' with the other technological needs of the user and the development of mainstream technologies that will affect the cost and availability of devices to the user. This paper examines the above points and suggest appropriate actions and trends...

... experiences of the Dublin-based Central Remedial Clinic and in particular, its Client Technical Services Unit . The CTSU have been actively engaged in the development of systems for clients and direct...

Identifiers: Smart House technology...

...supported devices ; ...

...Client Technical Services Unit ;

32/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

4852818 INSPEC Abstract Number: B9502-6210J-003, C9502-3395-004

Title: A cost effective smart DTMF telecontroller for home automation systems

Author(s): Eren, K.; Goh, J.; Siew Meng Tham

Author Affiliation: Sch. of Electr. & Comput. Eng., Curtin Univ. of Technol., Bentley, WA, Australia

Conference Title: Third International Symposium on Consumer Electronics

Part vol.1 p.139-44 vol.1

Publisher: IEE, Hong Kong

Publication Date: 1994 Country of Publication: Hong Kong 2 vol. xv+545 pp.

ISBN: 962 442 062 9

Conference Title: Third International Symposium on Consumer Electronics

Conference Sponsor: Hitachi; Epson Found; Siemens Components; Ind. Technol. Res. Inst.; Toshiba Electron.; Hong Kong Ind. Technol.Centre

Conference Date: 14-16 Nov. 1994 Conference Location: Hong Kong

Language: English

Copyright 1995, IEE

Title: A cost effective smart DTMF telecontroller for home automation

**systems**

...Abstract: is directly connected to the incoming telephone lines and it can control up to 256 devices . The information flow between the field devices and the telecontroller is realised by a duplexed cost effective RF communication system. The telecontroller...

Descriptors: controllers ;

...Identifiers: field devices ;

**32/3,K/3 (Item 3 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

4829490 INSPEC Abstract Number: B9501-8110B-034, C9501-3340H-033

Title: System impact of decentralised AI controllers operating on domestic devices in the intelligent home

Author(s): van Harmelen, G.L.; Lane, I.E.; Hancke, G.P.

Author Affiliation: Dept. of Electr. and Electron. Eng., Pretoria Univ., South Africa

Part vol.3 p.1111-14 vol.3

Publisher: IEEE, New York, NY, USA

Publication Date: 1994 Country of Publication: USA 3 vol.+suppl. (1528+23) pp.

ISBN: 0 7803 1880 3

U.S. Copyright Clearance Center Code: 0 7803 1880 3/94/\$4.00

Conference Title: Proceedings of IEEE Instrumentation and Measurement Technology Conference - IMTC '94

Conference Sponsor: IEEE Instrum. & Meas. Soc.; Soc. Instrum. & Control Eng., Japan; Inst. Electr. Eng. Japan; Inst. Electron., Inf. & Commun. Eng.; Japan Soc. Appl. Phys.; Japan Electr. Measuring Instrum. Manuf. Assoc

Conference Date: 10-12 May 1994 Conference Location: Hamamatsu, Japan

Language: English

Title: System impact of decentralised AI controllers operating on domestic devices in the intelligent home

Identifiers: decentralised AI controllers ; ...

...domestic devices ; ...

...intelligent home ;

**32/3,K/4 (Item 4 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

03960717 INSPEC Abstract Number: B91058470, C91057037

Title: Smart enabling system for home automation

Author(s): Stauffer, H.B.

Author Affiliation: Smart House, Upper Marlboro, MD, USA

Journal: IEEE Transactions on Consumer Electronics vol.37, no.2 p. xxix-xxxv

Publication Date: May 1991 Country of Publication: USA

CODEN: ITCEDA ISSN: 0098-3063

U.S. Copyright Clearance Center Code: 0098-3063/91/020000xxix\$01.00

Language: English

Title: Smart enabling system for home automation

Abstract: The author describes an enabling system called SMART HOUSE that provides the common resources needed for home automation in a multiproduct, multivendor environment. The system includes the following: a system controller , housewide wiring network, communications protocols, standard interfaces (outlet designs) for connecting other products, and basic...

... automation functionality depends on the addition of other products such as more complex user controls, appliances that include consumer

electronics, and application-specific controllers for energy management, security, climate control, etc. These compatible appliances and controllers are equipped with proprietary communications circuits that permit them to communicate with the system controller and with each other. The author provides a concise technical description of the system, concentrating...

...Identifiers: compatible controllers , smart enabling system...

...SMART HOUSE ; ...

...system controller ; ...

...application-specific controllers ; ...

...compatible appliances ;

32/3,K/5 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

03836340 INSPEC Abstract Number: C91021449

Title: Home automation: a standard story

Author(s): Martin, D.

Journal: Electrical Review vol.224, no.1 p.23-4

Publication Date: 11-24 Jan. 1991 Country of Publication: UK

CODEN: ELREAG ISSN: 0013-4384

Language: English

Abstract: A fully automated home would enable programmable control of all domestic appliances , transmission of data between equipment around the house and remote control of the home by telephone. The author looks at different devices that can be used in the smart house .

...Descriptors: programmable controllers

...Identifiers: domestic appliances ;

32/3,K/6 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

03516875 INSPEC Abstract Number: B90003763

Title: Transmission over 220 V: the power package in data transport (cable TV)

Author(s): Wittmann, G.

Journal: Funkschau no.17 p.59-60

Publication Date: 11 Aug. 1989 Country of Publication: West Germany

CODEN: FUSHA2 ISSN: 0016-2841

Language: German

Title: Transmission over 220 V: the power package in data transport (cable TV)

Abstract: The author's firm has developed a Hotel Pay-TV system-Argus 2000-in which all control and monitoring operations are mains-borne, suitably protected...

...filters. The core of Argus is a PC and the so-called communications- and mains unit 'managers '. The 1st organizes the selection and transmission of programs from video recorders, feeds them to a community aerial and distributes them via concentrators. Each room TV has a built-in slave unit which responds to signals determining choice, duration and price of a program. These signals are FSK-modulated and error-corrected, and sent at 300 Baud by the mains manager via SBC's (Signal/Booster/Corrector). The basic system would serve the 'intelligent' house of the future. A schematic diagram of the complete Argus 2000 is reproduced. A 2nd...

... shows a bus structure model for diverse combinations of boosters and

slaves, up to 258 units per system.

Descriptors: cable television ;

...Identifiers: cable TV ; ...

...Hotel Pay-TV system...

...slave unit ;

**32/3,K/7 (Item 7 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

03195590 INSPEC Abstract Number: B88055733, C88048491

**Title:** The intelligent electric house : comfort with electricity, intelligence thanks to home automation (Domotique project)

Journal: Revue de l'Energie vol.39, no.400 p.90-1

Publication Date: Feb.-March 1988 Country of Publication: France

CODEN: REEND7 ISSN: 0303-240X

Language: French

**Title:** The intelligent electric house : comfort with electricity, intelligence thanks to home automation (Domotique project)

**Abstract:** Describes a remotely controlled programmer for electrical appliances , which can control heating, lighting , metering, tariff change-over and burglar alarms, with reprogramming and interrogation over the telephone system via the French PPT's Minitel terminal. The controller was developed by Electricite de France, and is manufactured by the AIRELEC/SELCO companies.

...Descriptors: domestic appliances ;

Identifiers: intelligent electric house ; ...

...lighting ; ...

...controller ;

**32/3,K/8 (Item 8 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

02930260 INSPEC Abstract Number: B87048467, C87044346

**Title:** Home bus controller

Author(s): Sakon, T.; Sasanuma, H.; Ono, Y.; Ikezaki, M.; Nakatsu, H.

Author Affiliation: Matsushita Electr. Ind., Osaka, Japan

Journal: National Technical Report vol.32, no.6 p.801-8

Publication Date: Dec. 1986 Country of Publication: Japan

CODEN: NTROAV ISSN: 0028-0291

Language: Japanese

**Title:** Home bus controller

**Abstract:** The standardization of home bus systems (HBS), which is important for the realization of 'intelligent' houses , is being promoted by those in this business. A home bus controller (HBC), which is the nucleus of the HBS, has been developed for the public switched...

...home bus, and manages the use of the home bus which is used by the appliances on the bus. These functions are made possible by the employment of a one chip...

...Descriptors: controllers ;

...Identifiers: home bus controller ;

**32/3,K/9 (Item 9 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

02867138 INSPEC Abstract Number: B87031084, C87021147

**Title:** An intelligent home controller  
**Author(s):** Boles, A.D.; Kassam, M.; Mikhail, S.  
**Author Affiliation:** Ryerson Polytech. Inst., Toronto, Ont., Canada  
**Conference Title:** IEEE ELECTRONICOM '85. Conference Proceedings (Cat. No.85CH2238-4) p.248-51 vol.1  
**Publisher:** IEEE, New York, NY, USA  
**Publication Date:** 1985 **Country of Publication:** USA **3 vol.** 675 pp.  
**U.S. Copyright Clearance Center Code:** 85CH2238-4/0248\$01.00  
**Conference Sponsor:** IEEE  
**Conference Date:** 7-9 Oct. 1985 **Conference Location:** Toronto, Ont., Canada  
**Language:** English

**Title:** An intelligent home controller

**Abstract:** The Intelligent Home Controller is a stand-alone unit designed to integrate the many controllable functions found in a home. Heating, air-conditioning, appliance and light control are all user-programmable over a seven day schedule. Intrusion and fire alarms are also monitored and trigger a programmed response. Appliances and lights are switched using commercially available remote modules and power-line carrier techniques. All other connections to the unit are hardwired. Battery backup ensures that data and time are preserved in the event of...

...Descriptors: domestic appliances ; ...

...telecontrol equipment ;

Identifiers: lights control...

...appliance control...

...intelligent home controller ; ...

...stand-alone unit ;

32/3,K/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

02592904 INSPEC Abstract Number: B86011546

**Title:** Guide to new sensors. IV. Intelligent home appliances will need more sophisticated sensors

**Author(s):** Ichinose, N.

**Author Affiliation:** Waseda Univ., Tokyo, Japan

**Journal:** JEE (Journal of Electronic Engineering) vol.22, no.225 p. 90-1

**Publication Date:** Sept. 1985 **Country of Publication:** Japan

**CODEN:** JEENDL **ISSN:** 0385-4507

**Language:** English

**Title:** Guide to new sensors. IV. Intelligent home appliances will need more sophisticated sensors

**Abstract:** For pt.III see ibid., vol.22, no.224, p.84-5 (1985). Appliances that contribute to the convenience, comfort, safety and security of users, with easy operation and...

... at how semiconductor and microelectronics technologies could be used to monitor and control the various appliances found in the home such as microwave ovens, washing machines, etc. The heating, lighting, and air conditioning equipment would also be included in any integrated control system and this is illustrated, showing the use of a main controller and subcontrollers.

...Descriptors: domestic appliances ; ...

...electric sensing devices ; ...

...lighting ;

Identifiers: electric sensing devices ; ...

...domestic appliances ; ...

...lighting ;

32/3,K/11 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

02442071 INSPEC Abstract Number: C85024144

Title: Building intelligence into disk drives

Author(s): Freedland, R.

Journal: Computer Systems vol.4, no.10 p.93-5

Publication Date: Oct. 1984 Country of Publication: UK

CODEN: COSYEG ISSN: 0264-4193

Language: English

...Abstract: in compact, easily integrated packages is to introduce 'intelligent' Winchester products. Such drives are designated 'intelligent' because housekeeping functions previously handled by the host CPU, like formatting, data error detection and correction and...

... host level interface within the drive. By relieving the host of many tasks and achieving device independence. SCSI provides simplified system integration and improved drive performance.

Identifiers: drive/controller interfacing...

...device independence

32/3,K/12 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1321631 NTIS Accession Number: DE87010241

Evaluation of Single-Board Microcontroller Suitable for Rapid Prototyping  
Edwards, R.

Oak Ridge National Lab., TN.

Corp. Source Codes: 021310000; 4832000

Sponsor: Department of Energy, Washington, DC.

Report No.: ORNL/TM-10361

Feb 87 38p

Languages: English

Journal Announcement: GRAI8722; NSA1200

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NTIS Prices: PC A03/MF A01

... board microcontroller suitable for rapid prototyping. The work was conducted for the National Association of Home Builders Smart House Project. The Project will help manufacturers use advanced technology in the development of new products for communications, energy distribution, and appliance control. Testing Smart House hardware prototypes will require a general-purpose microcontroller. To provide this adaptability, a prototyping controller must offer a broad spectrum of functions that are easily used by a laboratory technician...

... is optimized for laboratory use, a prototyping microcontroller may not be suitable for commercially-available Smart House products. The report presents a set of rapid-prototyping requirements based on past ORNL experience...

Descriptors: Appliances ; \*Houses; \*Microprocessors; Control Systems; Evaluation; Uses

Identifiers: Laboratories; \*Computer aided manufacturing; \*Software engineering; \*Computer aided software engineering; ERDA/990200; Smart House project; Manufacturing; Prototypes; Tests; Control units (Computers); Control systems; NTISDE

32/3,K/13 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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04068447 E.I. No: EIP95022563102

Title: System impact of decentralized AI controllers operating on domestic devices in the intelligent home

Author: Van Harmelen, G.L.; Lane, I.E.; Hancke, G.P.

Corporate Source: Univ of Pretoria, Pretoria, S Afr

Conference Title: Proceedings of the 1994 IEEE Instrumentation and Measurement Technology Conference

Conference Location: Hamamatsu, Jpn

E.I. Conference No.: 42345

Source: Conference Record - IEEE Instrumentation and Measurement Technology Conference v 3 1994. IEEE, Piscataway, NJ, USA, 94CH3424-9. p 1111-1114

Publication Year: 1994

CODEN: CRIIE7

Language: English

Title: System impact of decentralized AI controllers operating on domestic devices in the intelligent home

...Descriptors: Adaptive control systems; Electric variables measurement; Electric load flow; Computer software; Object oriented programming; Domestic appliances

32/3,K/14 (Item 2 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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04032546 E.I. No: EIP95012509258

Title: Visual communication system in an apartment house using only twisted paired cable

Author: Kato, Masami; Kamimura, Tousru; Kumagai, Akio

Corporate Source: Sanyo Electric Co, Ltd, Gifu, Jpn

Conference Title: Proceedings of the IEEE International Conference on Consumer Electronics

Conference Location: Chicago, IL, USA Conference Date: 19940621-19940623

E.I. Conference No.: 21510

Source: Digest of Technical Papers - IEEE International Conference on Consumer Electronics 1994. IEEE, Piscataway, NJ, USA, 94CH3363-9. p 110-111

Publication Year: 1994

CODEN: DTPEEL ISSN: 0747-668X

Language: English

Descriptors: Intelligent buildings; Apartment houses ; Visual communication; Video telephone equipment ; Telecommunication lines; Voice/data communication systems; Remote control; Telecommunication services; Telecommunication networks; Digital communication systems

Identifiers: Twisted pair cable; Hyper Network Controller

32/3,K/15 (Item 3 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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03021692 E.I. Monthly No: EIM9102-004349

Title: A new display pointing method for synthesized home equipments.

Author: Ikezaki, Masao; Kubo, Seiichi; Tanaka, Shotaro; Yamamoto,

Terumasa

Corporate Source: Matsushita Electric Ind Co, Ltd, Japan  
Conference Title: 1990 International Conference on Consumer Electronics  
Conference Location: Rosemont, IL, USA Conference Date: 19900606  
E.I. Conference No.: 13986  
Source: IEEE Transactions on Consumer Electronics v 36 n 3 Aug 1990. p  
593-601  
Publication Year: 1990  
CODEN: ITCEDA ISSN: 0098-3063  
Language: English

**Title:** A new display pointing method for synthesized home equipments.  
...Abstract: on receiving the remote-control commands for icons which visualize predetermined factors to operate various devices in the system, is proposed. Furthermore, a method to realize an operational environment, using a remote-control transmitter employing the proposed method on the basis of TV windows matched with systemized AV equipment, is also proposed. The advantages of the method have been experimentally confirmed by constructing an interactive remote-control environment applicable to a home-HDTV (high-definition television) system. 6 Refs.

...Descriptors: Interactive; TELEVISION --  
Identifiers: INTELLIGENT BUILDINGS; HOME AUTOMATION; INTERACTIVE REMOTE POINTING; REMOTE CONTROLLER

32/3,K/16 (Item 4 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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02584005 E.I. Monthly No: EI8806053876

**Title:** DOMOTIQUE ET ELECTRICITE: VERS LA MAISON ELECTRIQUE INTELLIGENTE.  
Title: Home Automation and Electricity: Towards a Smart Electric House

Author: Orfeuil, M.; Berhondo, P.; Gallard, T.; Basset, J. -J.  
Corporate Source: SEPAC, Fr  
Source: Revue de l'Energie v 38 n 392 May 1987 p 214-227  
Publication Year: 1987  
CODEN: REEND7 ISSN: 0303-240X  
Language: French

**Title:** Home Automation and Electricity: Towards a Smart Electric House  
...Abstract: reviewed. Some of the most important proposals are characterized and listed in a table. The Smart House, Transtext, Home Manager, Synforic, Securiscan, etc., systems are briefly described and illustrated by diagrams. In French.

...Descriptors: Automation; CONTROL SYSTEMS; DOMESTIC APPLIANCES --...  
...Control Systems; ELECTRIC APPLIANCES --  
Identifiers: DOMOTICS; HOME AUTOMATION; SMART HOUSE SYSTEM;  
TRANSTEXT SYSTEM; HOME MANAGER SYSTEM; SYNFORIC SYSTEM

32/3,K/17 (Item 5 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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02547731 E.I. Monthly No: EI8804034652  
**Title:** SMART HOUSE WIRED FOR THE ELECTRONIC AGE.  
Author: Moore, Taylor; Rabl, Veronika; Zimmerman, Orin  
Source: EPRI Journal v 11 n 8 Nov 1986 p 4-15  
Publication Year: 1986  
CODEN: EPRJDS ISSN: 0362-3416  
Language: ENGLISH

**Title:** SMART HOUSE WIRED FOR THE ELECTRONIC AGE.  
Abstract: The Smart House Development Venture, a project of the

National Association of Home Builders (NAHB) Research Foundation, is...

...million new homes built annually at the current rate. The key to intelligence in a **Smart House** lies in its wiring and power distribution system. Rather than have all circuits originate from a single point, as in a conventional house , the **Smart House** concept calls for branch circuit **controllers** , each containing microprocessors distributed throughout the house and feeding a number of branch circuits. Each **controller** distributes programmed power to a cluster of rooms or to a group of **appliances** - laundry or kitchen **appliances** , for example.

Identifiers: **SMART HOUSE** ; MICROPROCESSOR CONTROL; POWER DISTRIBUTION SYSTEM

32/3,K/18 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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07699403 PASCAL No.: 87-0178943

**Nouvelles technologies. Ou en est la domotique aux Etats-Unis?**  
**(New technologies. How far have the United States got with home automation?)**

LATOUE B de

Journal: Moniteur des travaux publics et du batiment, 1987-03 (10) 69-70

Language: FRENCH

...La commercialisation a largement commence grace a la chute du prix des composants. Le projet **Smart House** de la NAHB (National Association of Home Building), reposant sur un cable unique integre a...

... Mais il existe deja 6 produits importants: le Home Minder de General Electric. le Home Manager de Unity Systems, le Home Brain d'Hypertek, Max de la societe Archinetics, Tomorrow House II de..

File 349:PCT Fulltext 1983-2000/UB=20000817, UT=20000803

(c) 2000 WIPO/MicroPat

File 348:European Patents 1978-2000/Aug W03

(c) 2000 European Patent Office

Set	Items	Description
S1	366720	REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB - OR (WIDE OR LOCAL) ()AREA()NETWORK? OR WAN OR DISTANT OR DISTR- IBUT?
S2	309535	SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3	1323354	COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR - SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN? ()ON
S4	107566	CONTROLLER? OR MANAGER? OR DIRECTOR?
S5	892204	DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR - APPARATUS OR EQUIPMENT?
S6	105004	APPLIANCE? ? OR (HOME OR HOUSE) (3N)APPLIANCE? OR STOVE? ? - OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7	60	ELECTRIC?()POWER()GRID? ?
S8	148	(SMART OR INTELLIGENT) (3N) (HOUSE? OR HOME?)
S9	959831	EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH? OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10	53760	(ELECTRONIC OR E OR VIRTUAL) (3N) (MAIL OR MESSAGE? OR DATA - OR INFORMATION) OR EMAIL
S11	10	S8(S)S10
S12	4031	S1(5N)S2(3N)S3
S13	64562	S4(S) (S5 OR S6 OR S7)
S14	3542	S9(5N)S10
S15	2	S12(S)S13(S)S14
S16	1	S12(S)S13(S) (USING OR VIA) (3N)S10
S17	1	S16 NOT S15
S18	332	S12(S)S13
S19	2	S18(S)S8
S20	1	S19 NOT (S15 OR S16)
S21	33	S18(S)S10
S22	29	S21 NOT (S20 OR S15 OR S16)
S23	0	S22(S)INERNET
S24	29	S22(S)S1
S25	6	S24 NOT AD=19970318:20000131/PR
S26	21366	S4(3N) (S5 OR S6 OR S7)
S27	44	S26(10N) (USING OR VIA) (3N)S10
S28	2371	IC=G11B-015
S29	0	S27 AND S28
S30	35	S27 NOT AD=19970318:20000131/PR
S31	35	S30 NOT (S15 OR S20 OR S17 OR S25)

00652555

SYSTEM FOR PROCESSING AND STORING INTERNET BOOKMARK ADDRESS LINKS  
SYSTEME DE TRAITEMENT ET D'ENREGISTREMENT DE LIENS D'ADRESSAGE POUR SIGNETS  
INTERNET

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9935777 A2 19990715

Application: WO 99US282 19990107 (PCT/WO US9900282)

Priority Application: US 984409 19980108

Designated States: CN JP KR AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 5570

Fulltext Availability:

Detailed Description

Detailed Description

... web page information, for example.

Considering Figure 1 in detail, a User enters commands to **controller** 30 via keyboard 20 and keyboard interface 25 within User terminal 10 (e.g. a computer with Internet access capability). Units 20 and 25 in other embodiments may comprise any data entry device and compatible interface including a remote control unit, computer mouse system or telephone keypad, for example. **Controller** 30 directs operation of modem 35 using a bi directional data and control signal bus C. **Controller** 30 incorporates a display interface and provides a display signal via the interface to an NTSC compatible video reproduction unit 39 for providing a visual User interface such as PC computer display, for example. **Controller** 30, in conjunction with modem 35, establishes Internet communication with remote Internet system 15 via...

...a telephone number and transmitting an Internet URL address code of remote Internet system 15. **Controller** 30, in conjunction with modem 35, establishes communication with processing system 15 using **Transmission Control Protocol/Internet Protocol** (TCP/IP) and **Hypertext Transmission Protocol** (HTTP). Hypertext **Transmission Protocol** 1.1 is specified in RFC2068 (**Request For Comment** document 2068) January 1997 and other HTTP versions and features (e.g. HTTP...documents which are available via the Internet and are prepared by Internet standards working groups.

**Controller** 40, in conjunction with modem 45, within remote Internet system 15 (e.g. an Internet...).

...User terminal 10 and other terminals (not shown to preserve drawing clarity). Within system 15 **controller** directs operation of modem 45 using a bi-directional data and control signal bus D...

...may be combined with other Internet services. For example, a bookmark storage service may be combined with an **Email** service (such as HotmailTM) to advantageously offer enhanced Internet functions.

**Controller** 30 (Figure 1), employs...

00592217

A COMMUNICATION SYSTEM ARCHITECTURE  
ARCHITECTURE D'UN SYSTEME DE COMMUNICATION

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9834391 A2 19980806  
Application: WO 98US1868 19980203 (PCT/WO US9801868)  
Priority Application: US 97794555 19970203; US 97794114 19970203; US  
97794689 19970203; US 97807130 19970210; US 97798208 19970210; US  
97795270 19970210; US 97797964 19970210; US 97800243 19970210; US  
97798350 19970210; US 97797445 19970210; US 97797360 19970210

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Fulltext Availability:

Detailed Description

Detailed Description

... on Internet telephony operations, allowing a caller to reserve a time for a call, facilitating Internet telephony operations to be added to a callback service, adding a multidimensional conferencing feature to existing telephony...the packet transmission network based on the at least one call parameter. An automated response unit is provided. A plurality of functions is made available from a single connection to the automated response unit .

In still another aspect of a preferred embodiment of the invention, a computer program embodied...

...network based on the at least one call parameter. Fourth software provides an automated response unit . Fifth software makes a plurality of functions available from a single connection to the automated response unit .

In another aspect of a preferred embodiment of the invention, telephone calls, data and other...way to automatically invoke the IP phone software when the IP stack is started.

The directory service is envisioned as a distributed system, somewhat like the Internet Domain Name System, for...

...a collect call). Alternatively, we can insist that the caller also be registered in the directory and billed through that mechanism (this is desirable since we charge for the registration and...

17/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00577375

A COMMUNICATION SYSTEM ARCHITECTURE

SYSTEME, PROCEDE ET PRODUIT MANUFACTURE POUR L'ARCHITECTURE D'UN SYSTEME DE  
COMMUNICATION

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9823080 A2 19980528

Application: WO 97US21174 19971114 (PCT/WO US9721174)

Priority Application: US 96751203 19961118; US 96751668 19961118; US  
96752271 19961118; US 96758734 19961118; US 96751209 19961118; US

96751661 19961118; US 96752236 19961118; US 96752487 19961118; US  
96752269 19961118; US 96751923 19961118; US 96751658 19961118; US  
96752552 19961118; US 96751933 19961118; US 96751663 19961118; US  
96746899 19961118; US 96751915 19961118; US 96752400 19961118; US  
96751922 19961118; US 96751961 19961118

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU  
ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD  
TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 188452

Fulltext Availability:

Detailed Description

Detailed Description

... the notification can include the caller's identity, when known.) Once the directory system is **distributed** it will be necessary to query the other copies if contact cannot be ...the number of encryption setup mechanisms. This will be another interoperability resolution function for the **directory** service. The **directory** service can provide support for public key applications and can provide public key certificates issued... To call a PSTN destination the PC caller specifies a domestic E. 164 address. The **directory** system maps that address to an Internet dial out **unit** based on the NPA-NXX. The expectation is that the dial out **unit** will be close to the destination and therefore will be a local call. One problem is how to handle the case where there is no "local" dial out **unit**. Another problem is what to do if the "local" out dial **unit** is full or otherwise not available.

Three approaches are possible. One approach is to offer...Internet via a dial-up access device.

A client computer 1080 dials the Internet Access **Device** . The Access **Device** answers the call and plays modem tone. Then, the client computer and the access **device** establishes a PPP session. The user on the Client Computer is authenticated (username/password prompt, validated by an authentication server). Once the user passes authentication, the Access **Device** can automatically update the User Profile in the **Directory** Service for the user who was authenticated, depositing the following information "User Name" "Account Code" "online timestamp" "Access **Device** Site Code"

Later, when the Client Computer requires access through an Internet Telephony Gateway, it queries the **Directory** Service 1082 to determine the best choice of Internet Telephony 188 Gateway. If an Access **Device** Site Code is found in the User's Profile on the **Directory** Service, the **Directory** Service 1082 selects the Internet Telephony Gateway 1084, 1081 and 1086 at the same site...

...Telephony Gateway 1084, 1081 and 1086 is unavailable at the same site as the Access **Device** Site Code, then the next best choice is selected according to a network topology map kept on the **directory** server.

If no Access **Device** Site Code is found on the **directory** server 1082, then the client 1080 has accessed the network through a **device** which cannot update the **directory** server 1082. If this is the case, the Client Ping Method described above is used...external systems, as will be described. The various network elements that generate events include Network **Controllers** 314, International and Domestic SPs 316/102, STPs 104, and PMUs 106. Network **Controllers** 314 are **devices** that switch circuits based on external commands. They utilize SS7 signaling in the same manner...

...circuits that are monitored.

All SPs 102/316, STPs 104, PMU 106, and SS7 Network **Controllers** 314 transmit network events to SNMS via communications networks. This eliminates the need for SNMS to maintain a session with each of the devices . In one typical embodiment, as illustrated in Fig.

3, an Asynchronous Data Communications Network 320..

20/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00601493

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR SWITCHED TELEPHONY  
COMMUNICATION  
SYSTEME PROCEDE ET ARTICLE CONCU POUR LES COMMUNICATIONS TELEPHONIQUES PAR  
RESEAU COMMUTE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9847298 A2 19981022

Application: WO 98US7927 19980415 (PCT/WO US9807927)

Priority Application: US 97835789 19970415; US 97834320 19970415

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK  
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN  
TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 175758

Fulltext Availability:

Detailed Description

Detailed Description

... can be classified as follows:

\* Content;

-Signaling; or

- Data.

Normally, a customer interacting with the intelligent network will require all three types of information flows.

a) Content

Content flows contain the...Internet may be used for Internet telephony, but it may also be simply used for Internet access. When this device is used for Internet telephony, it behaves differently than the ITG. Although the IAD is connected to the PSTN...

...access to the Internet.

PBX 1 PBX 2 Private Brach Exchange - This is customer premise equipment that provides connection between phones that are geographically co-located. The PBX also provides a Directory Service for assistance with call routing. This capability does not exist in today's PBXs...

...the VNET call flows for this document, a possible interaction between the PBX and the Directory Service is shown. These PBXs also show a connection to an ITG. These ITGs provide...Internet via a dial-up access device.

A client computer 1080 dials the Internet Access Device . The Access Device answers the call and plays modem tone. Then, the client computer and the access device establishes a PPP session. The user on the Client Computer is authenticated (username/ password prompt, validated by an authentication server). Once the user passes authentication, the Access Device can automatically update the User Profile in the Directory

Service for the user who was authenticated, depositing the following information "User Name" "Account Code" "online timestamp" "Access Device Site Code"

Later, when the Client Computer requkes access through an Internet Telephony Gateway, it queries the **Directory** Service 1082 to determine the best choice of Internet Telephony Gateway. If an **Access Device** Site Code is found in the User's Profile on the **Directory** Service, the **Directory** Service 1082 selects the Internet Telephony Gateway 1084, 1081 and 1086 at the same site...

...Telephony Gateway 1084, 1081 and 1086 is unavailable at the same site as the **Access Device** Site Code, then the next best choice is selected according to a network topology map kept on the **directory** server.

If no **Access Device** Site Code is found on the **directory** server 1082, then the client 1080 has accessed the network through a **device** which cannot update the **directory** server 1082. If this is the case, the Client Ping Method described above is used...as will 2 & --T be described. The various network elements that generate events include **Network Controllers** 314, International and Domestic SPs 316/102, STPs 104, and PMUs 106. **Network Controllers** 314 are **devices** that switch circuits based on external commands. They utilize SS7 signahng in the same manner...

...circuits that are monitored.

All SPs 102/316, STPs 104, PMU 106, and SS7 **Network Controllers** 314 transmit network events to SNMS via communications networks. This eliminates the need for SNMS to maintain a session with each of the **devices**. In one typical embodiment, as illustrated in Fig. 3, an Asynchronous Data Communications Network 320 is used to transport events from **Network Controllers** 314 and International SPs 316. An IBM mainframe Front End Processor (FEP) 324, such as...

25/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00594698

**NETWORK ATTACHED VIRTUAL TAPE DATA STORAGE SUBSYSTEM**  
**SOUS-SYSTEME MEMOIRE DE DONNEES SUR BANDE MAGNETIQUE VIRTUEL ET ATTACHE A**  
**UN RESEAU**

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**Patent and Priority Information (Country, Number, Date):**

Patent: WO 9840810 A2 19980917

Application: WO 98US4910 19980312 (PCT/WO US9804910)

Priority Application: US 97815739 19970312

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Publication Language: English

Filing Language: English

Fulltext Word Count: 9045

**Fulltext Availability:**

Detailed Description

**Detailed Description**

... system software which resides in the automated cartridge library system controller ACSC via the control **network** CN. The automated tape cartridge library system software receives the request and ascertains the physical...

...the automated tape cartridge library system ACS and which is connected to the fiber channel **network** FN. The automated tape cartridge library system software transmits control signals to the automated tape...

...Once the tape mount is successful, the automated tape cartridge library system software notifies the **network** resource allocation RA manager software via the control **network** CN and the **network** resource allocation RA manager software transmits a RESERVED command to the SCSI-to-fiber channel...

...to reserve the identified tape device TD4 for the data processor DP1 that has the **network** address < HOST SCSI ID> < HOST BRIDGE ID>. The **network** resource allocation RA manager software also transmits a TARGET BRIDGE ID command to the SCSI...

...SCSI-to-fiber channel bridge C138 that serves the identified tape device TD4. Once the **network** resource allocation RA manager software reserves the identified tape device TD4 for the requesting data...

...can now transmit SCSI commands to the identified tape device TD4 via the fiber channel **network** FN. Data processor DP1 has device driver software that satisfies the various virtual device configurations of the tape devices TD 1 -TD5 that are part of the **virtual tape data storage subsystem**.

When the requesting data processor DP1 completes the desired operations, the requesting data...

25/3,K/2 (Item 2 from file: 349)

DIALOG(R)File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00592199

**SECURE AUTHENTICATION KEY MANAGEMENT**

**GESTION SURE DE CLEF D'AUTHENTIFICATION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9834370 A1 19980806

Application: WO 98US1348 19980123 (PCT/WO US9801348)

Priority Application: US 97791992 19970131

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FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG  
MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN  
YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE  
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE  
SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 10381

Fulltext Availability:

Detailed Description

Detailed Description

... present invention.

After generating 710 the A-key, the SAMS 204 stores 712 the authentication information , e.g., the A-Key, MS information , e.g., the ESN of the MS 102, and additional information , e.g., a validator unit identifier to identify the validator unit 506, in the SAMS authentication...

...can be in the form of a database, for example. The SAMS A-key generation/ distribution unit 434 then encrypts the A-key and transmits 714 the encrypted A-key to...

...signal using the secret key to identify the A-key. The validator A-key generation/distribution unit 514 along with the MS interface 512 and the I/O controller 510 automatically...

...validator unit 506 and the SAMS 204 have been established. The validator A-key generation/distribution unit 514 can transmit 718 an acknowledgment signal to the SAMS 204 to indicate that the A-key programming operation has been successful...

...above described system generates and programs an A-key into an MS 102 at a remote location, e.g., at the point of sale of the MS 102, in a secure...

25/3,K/3 (Item 3 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00592198

**AUTHENTICATION KEY MANAGEMENT SYSTEM AND METHOD**

**DISPOSITIF ET PROCEDE DE GESTION DE CLE D'AUTHENTIFICATION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9834369 A1 19980806  
Application: WO 98US1347 19980123 (PCT/WO US9801347)  
Priority Application: US 97792513 19970131

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FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG  
MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN  
YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE  
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE  
SN TD TG

Publication Language: English

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Fulltext Word Count: 10398

Fulltext Availability:

Detailed Description

Detailed Description

... present invention.

After generating 710 the A-key, the SAMS 204 stores 712 the authentication information , e.g., the A-Key, MS information , e.g., the ESN of the MS 102, and additional information , e.g., a validator unit identifier to identify the validator unit 506, in the SAMS authentication...

...can be in the form of a database, for example. The SAMS A-key generation/ distribution unit 434 then encrypts the A-key and transmits 714 the encrypted A-key to...

...signal using the secret key to identify the A-key. The validator A-key generation/distribution unit 514 along with the MS interface 512 and the 1/0 controller 510 automatically...

...validator unit 506 and the SAMS 204 have been established. The validator A-key generation/distribution unit 514 can transmit 718 an acknowledgment signal to the SAMS 204 to indicate that the A-key programming operation has been successful...

...above described system generates and programs an A-key into an MS 102 at a remote location, e.g., at the point of sale of the MS 102, in a secure...

25/3,K/4 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00589563

COMMUNICATIONS SYSTEM FOR REMOTE CONTROL SYSTEMS  
SYSTEME DE COMMUNICATION POUR SYSTEME DE TELECOMMANDE

Patent Applicant/Assignee:

THOMSON CONSUMER ELECTRONICS INC, THOMSON CONSUMER ELECTRONICS, INC. ,  
10330 North Meridian Street, Indianapolis, IN 46290-1024 , US

Inventor(s):

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PUGEL Michael Anthony, PUGEL, Michael, Anthony , 20925 Creek Road,

Noblesville, IN 46060 , US  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9834208 A1 19980806  
Application: WO 98US1858 19980130 (PCT/WO US9801858)  
Priority Application: US 9736794 19970131; US 9738893 19970220  
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML  
MR NE SN TD TG  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 8610

Fulltext Availability:  
Detailed Description

Detailed Description

... system for transmitting and receiving remote control messages to control electronic devices.

A variety of **remote** control systems that transmit and receive **remote** control **messages** to control various **electronic** **devices** are known. Such systems typically include a **remote** control **device** which comprises an input **device**, such as a keypad, for allowing user input, coupled to a **controller** which is in turn coupled to a signal transmitter. In response to a user input, the **controller** generates an appropriate **remote** control message using look up tables, and the like, from memory and causes a **signal** **transmitter** to **transmit** the **remote** control message. The **signal** **transmitter** may be designed to **transmit** the **remote** control message in a number of different forms, including, but not limited to, an IR **signal** and a RF **signal**.

One commonly used method of **sending** a **remote** control message is to **transmit** the message in IR **signal** form.

**Remote** control devices that **transmit** IR **signals** are well known and commonly used with household **electronic** **devices**. The **message** format of the IR signal is determined by the manufacturer for each model and many...

...limited to message duration, transmission and pause intervals and types of data carried in the **remote** control message.

However, there are several disadvantages associated with using IR signals to control an...

25/3,K/5 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00586065

METHOD AND APPARATUS FOR PROVIDING A MENU STRUCTURE FOR AN INTERACTIVE INFORMATION DISTRIBUTION SYSTEM  
PROCEDE ET APPAREIL POUR PRODUIRE UNE STRUCTURE DE MENU POUR UN SYSTEME DE DIFFUSION D'INFORMATIONS INTERACTIF

Patent Applicant/Assignee:

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95014, US  
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94956, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9831116 A2 19980716  
Application: WO 97US22850 19971204 (PCT/WO US9722850)  
Priority Application: US 9734490 19970113

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW  
MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN GH KE LS MW  
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE  
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 9721

Fulltext Availability:

Detailed Description

Detailed Description

... g., a conventional television). In addition, the set top terminal 106 accepts commands from a **remote** control input device 138 or other input device. These **commands** are formatted, compressed, modulated, and **transmitted** through the **network** 104 to the video session manager 122.

Typically, this **transmission** is accomplished through the back channel 134. These **commands** are preferably **transmitted** through the same **network** used to **transmit** information to the set top terminal. However, the back channel coupling the set top terminal to the server may be a separate **network**, e.g., a forward **information** channel through a **television cable network** and a back channel through a telephone **network**. The telephone **network** could also support the forward control channel. The video session **manager** 122 interprets each command sent from the set top terminal through the

25/3,K/6 (Item 6 from file: 349)

DIALOG(R) File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00581602

**LEADLESS MULTISITE IMPLANTABLE STIMULUS AND DIAGNOSTIC SYSTEM**  
**SYSTEME IMPLANTABLE SANS CONDUCTEUR DE STIMULATION ET DE DIAGNOSTIC**

Patent Applicant/Assignee:

MEDTRONIC INC, MEDTRONIC, INC., 7000 Central Avenue Northeast,  
Minneapolis, MN 55432, US

Inventor(s):

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DONDERS Andrianus P, DONDERS, Andrianus, P., 15089 Crane Street N.W.,  
Andover, MN 55305, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9826840 A1 19980625  
Application: WO 97US23012 19971210 (PCT/WO US9723012)  
Priority Application: US 96768384 19961218

Designated States: AU CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 5947

Fulltext Availability:

Detailed Description

Detailed Description

... the controller unit; or, as discussed further in connection with

Figure 4, it may involve request signals for controlling the transmission of power back to the remote device. It is to be understood that the processing of sensed information may be divided between the main controller unit 25 and each of the remote units 50, and that such division is a matter of design choice. Thus, at the time...

...made through programmer 31, and relayed by transmission of data to each of the remote units. Of course, the controller unit 25 receives data from each of the remote units, and accordingly can process all of this data to make global control decisions.

Referring now...

31/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00564762

**SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION**  
**SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS SECURISEES ET DE PROTECTION DE DROITS ELECTRONIQUES**

Patent Applicant/Assignee:

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Inventor(s):

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SIBERT W Olin, SIBERT, W., Olin , 30 Ingleside Road, Lexington, MA 02173-2522 , US

SPAHN Francis J, SPAHN, Francis, J. , 2410 Edwards Avenue, El Cerrito, CA 94530 , US

VAN WIE David M, VAN WIE, David, M. , 1250 Lakeside Drive, Sunnyvale, CA 94086 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9809209 A1 19980305

Application: WO 97US15243 19970829 (PCT/WO US9715243)

Priority Application: US 96706206 19960830

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 190955

Fulltext Availability:

Detailed Description

Detailed Description

... product pricing, configuration. and marketing flexibility. These compromises are the result of techniques for controlling **information** which cannot accommodate both different content models and content models which reflect the many, varied...etc., performed by a user and/or electronic appliance such that a content and/or **appliance** provider and/or **controller** of an administrative activity can determine whether a certain activity has occurred at some point...file system (e.g., Netware, LANTastic, NFS. etc. I that allows access to VDE objects **using** redirecter 684. OblecL ~v,-itch 734 also supports this capability.

If External Services Manager 772 is used to access VDE objects, many different techniques are possible. For example, the...

31/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435646

**A SYSTEM FOR INFORMATION ON DEMAND INCLUDING RESPECTIVE CONTROL MEANS**  
**SYSTEME FOURNISANT DES INFORMATIONS SUR DEMANDE COMPRENANT DES MOYENS DE COMMANDE RESPECTIFS**

Patent Applicant/Assignee:

SONY TELECOM (EUROPE) NV

DE VOS Johan

COPEJANS Gert

AERTS Ives

WYBOUW Erik  
Inventor(s):  
DE VOS Johan  
COPEJANS Gert  
AERTS Ives  
WYBOUW Erik

Patent and Priority Information (Country, Number, Date):

Patent: WO 9631064 A1 19961003  
Application: WO 96EP1420 19960328 (PCT/WO EP9601420)  
Priority Application: EP 95200820 19950331

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ  
MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN ML MR TD TG

Publication Language: English

Fulltext Word Count: 8506

Fulltext Availability:

Detailed Description

Detailed Description

... and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end **devices** 40, the system **manager** 60 and the navigation devices 30 to each other, selectively, by **using virtual** channel connections and **data** is transferred to and from these components in a form of ATM packets consisting of...

31/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435645

A SYSTEM FOR SERVING INFORMATION INCLUSIVE OF A STORAGE MEDIA MANAGER  
SYSTEME SERVEUR D'INFORMATIONS COMPRENANT UN GESTIONNAIRE DE SUPPORTS  
D'INFORMATIONS

Patent Applicant/Assignee:  
SONY TELECOM (EUROPE) NV  
DE VOS Johan  
COPEJANS Gert

Inventor(s):

DE VOS Johan  
COPEJANS Gert

Patent and Priority Information (Country, Number, Date):

Patent: WO 9631063 A1 19961003  
Application: WO 96EP1419 19960328 (PCT/WO EP9601419)  
Priority Application: EP 95200813 19950331

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ  
MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN ML MR TD TG

Publication Language: English

Fulltext Word Count: 8963

Fulltext Availability:

Detailed Description

Detailed Description

... and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end **devices** 40, the system **manager** 60 and the navigation devices 30 to each other, selectively, by **using virtual** channel connections and **data** is transferred to and from these components in a form of

31/3,K/4 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435644

A SYSTEM FOR INFORMATION ON DEMAND, INCLUDING MULTI-CASTING  
SYSTEME FOURNISANT UNE INFORMATION A LA DEMANDE, ET EN PARTICULIER A DES  
DESTINATAIRES MULTIPLES

Patent Applicant/Assignee:

SONY TELECOM (EUROPE) NV  
DE VOS Johan  
BARRAUD Claude

Inventor(s):

DE VOS Johan  
BARRAUD Claude

Patent and Priority Information (Country, Number, Date):

Patent: WO 9631062 A1 19961003  
Application: WO 96EP1418 19960328 (PCT/WO EP9601418)  
Priority Application: EP 95200814 19950331

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ  
MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN ML MR TD TG

Publication Language: English

Fulltext Word Count: 8623

Fulltext Availability:

Detailed Description

Detailed Description

... and navigation devices 30. ATM switch I connects the storage medium units 20, the end devices 40, the system manager 60 and the navigation devices 30 to each other, selectively, by using virtual channel connections and data is transferred to and from these components in a form of ATM packets consisting of...

31/3,K/5 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435643

A VIDEO SERVICE SYSTEM WITH VCR FUNCTION

SYSTEME DE SERVICE VIDEO AVEC UNE FONCTION D'ENREGISTREMENT SUR CASSETTE

Patent Applicant/Assignee:

SONY TELECOM (EUROPE) NV  
DE VOS Johan  
GOGUEY Pascal

Inventor(s):

DE VOS Johan  
GOGUEY Pascal

Patent and Priority Information (Country, Number, Date):

Patent: WO 9631061 A1 19961003  
Application: WO 96EP1417 19960328 (PCT/WO EP9601417)  
Priority Application: EP 95200823 19950331

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ  
MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN ML MR TD TG

Publication Language: English

Fulltext Word Count: 8908

Fulltext Availability:

Detailed Description

Detailed Description

... and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end devices 40, the system manager 60 and the navigation devices 30 to each other, selectively, by using virtual channel connections and data is transferred to and from these components in a form of ATM packets consisting of...

31/3,K/6 (Item 6 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435642

**A SYSTEM FOR SERVING INFORMATION INCLUDING AN ARCHIVE AND DELIVERY STORAGE MEDIUM UNIT**  
**SYSTEME SERVEUR D'INFORMATIONS COMPRENANT UNE UNITE DE SUPPORTS DE STOCKAGE D'ARCHIVAGE ET DE REMISE**

Patent Applicant/Assignee:

SONY TELECOM (EUROPE) NV  
DE VOS Johan  
BARRAUD Claude  
COPEJANS Gert  
GOGUEY Pascal  
AERTS Ives  
DE CEULAER Luc  
WYBOUW Erik

Inventor(s):

DE VOS Johan  
BARRAUD Claude  
COPEJANS Gert  
GOGUEY Pascal  
AERTS Ives  
DE CEULAER Luc  
WYBOUW Erik

Patent and Priority Information (Country, Number, Date):

Patent: WO 9631060 A1 19961003  
Application: WO 96EP1416 19960328 (PCT/WO EP9601416)  
Priority Application: EP 95200815 19950331

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR TD TG

Publication Language: English

Fulltext Word Count: 9014

Fulltext Availability:

Detailed Description

**Detailed Description**  
... and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end devices 40, the system manager 60 and the navigation devices 30 to each other, selectively, by using virtual channel connections and data is transferred to and from these components in a form of ATM packets consisting of...

31/3,K/7 (Item 7 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435641

**A NAVIGATION SYSTEM**  
**SYSTEME DE NAVIGATION**

Patent Applicant/Assignee:

SONY TELECOM (EUROPE) NV  
DE VOS Johan  
BARRAUD Claude

Inventor(s):

DE VOS Johan  
BARRAUD Claude

Patent and Priority Information (Country, Number, Date):

Patent: WO 9631059 A1 19961003  
Application: WO 96EP1414 19960328 (PCT/WO EP9601414)  
Priority Application: EP 95200817 19950331

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ  
MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN ML MR TD TG

Publication Language: English

Fulltext Word Count: 9020

Fulltext Availability:

Detailed Description

Detailed Description

... and navigation devices 30. ATM switch I connects the storage medium units 20, the end devices 40, the system manager 60 and the navigation devices 30 to each other, selectively, by using virtual channel connections and data is transferred to and from these components in a form of ATM packets consisting of...

31/3,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT Fulltext

(c) 2000 WIPO/MicroPat. All rts. reserv.

00435640

STORAGE MEDIUM UNIT FOR STORING INFORMATION DATA, PREFERABLY VIDEO DATA AND/OR AUDIO DATA

SUPPORT D'INFORMATION POUR ENREGISTRER DES DONNEES D'INFORMATION ET DE PREFERENCE DES DONNEES VIDEO ET/OU AUDIO

Patent Applicant/Assignee:

SONY TELECOM (EUROPE) NV  
DE VOS Johan  
BARRAUD Claude

Inventor(s):

DE VOS Johan  
BARRAUD Claude

Patent and Priority Information (Country, Number, Date):

Patent: WO 9631058 A1 19961003  
Application: WO 96EP1413 19960328 (PCT/WO EP9601413)  
Priority Application: EP 95200818 19950331

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ  
MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN ML MR TD TG

Publication Language: English

Fulltext Word Count: 8916

Fulltext Availability:

Detailed Description

Detailed Description

... and navigation devices 30. ATM switch I connects the storage medium units 20, the end devices 40, the system manager 60 and the navigation devices 30 to each other, selectively, by using virtual channel connections and data is transferred to and from these components in a form of ATM packets consisting of...

31/3,K/9 (Item 9 from file: 349)

DIALOG(R)File 349:PCT Fulltext

(c) 2000 WIPO/MicroPat. All rts. reserv.

00435639

**A SYSTEM FOR INFORMATION ON DEMAND**

**SYSTEME D'INFORMATION SUR DEMANDE**

Patent Applicant/Assignee:

SONY TELECOM (EUROPE) NV

DE VOS Johan

BARRAUD Claude

Inventor(s):

DE VOS Johan

BARRAUD Claude

Patent and Priority Information (Country, Number, Date):

Patent: WO 9631057 A1 19961003

Application: WO 96EP1412 19960328 (PCT/WO EP9601412)

Priority Application: EP 95200819 19950331

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ  
MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN ML MR TD TG

Publication Language: English

Fulltext Word Count: 9673

Fulltext Availability:

Detailed Description

Detailed Description

... and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end **devices** 40, the system **manager** 60 and the navigation devices 30 to each other, selectively, by **using virtual** channel connections and **data** is transferred to and from these components in a form of ATM packets consisting of...

31/3,K/10 (Item 10 from file: 349)

DIALOG(R) File 349:PCT Fulltext

(c) 2000 WIPO/MicroPat. All rts. reserv.

00435638

**STORAGE MEDIUM UNIT**

**UNITE DE STOCKAGE**

Patent Applicant/Assignee:

SONY TELECOM (EUROPE) NV

DE VOS Johan

Inventor(s):

DE VOS Johan

Patent and Priority Information (Country, Number, Date):

Patent: WO 9631056 A1 19961003

Application: WO 96EP1411 19960328 (PCT/WO EP9601411)

Priority Application: EP 95200822 19950331

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ  
MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN ML MR TD TG

Publication Language: English

Fulltext Word Count: 8429

Fulltext Availability:

Detailed Description

Detailed Description

... and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end **devices** 40, the system **manager** 60 and the navigation devices 30 to each other, selectively, by **using virtual** channel connections and **data** is transferred to and from these components in a form of ATM packets consisting of...

31/3,K/11 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00435539

A STORAGE MEDIUM UNIT AND VIDEO SERVICE SYSTEM HAVING A STAGGER RECORDING  
UNITE DE SUPPORTS DE STOCKAGE ET SYSTEME DE SERVICE VIDEO A ENREGISTREMENT  
ECHELONNE

Patent Applicant/Assignee:

SONY TELECOM (EUROPE) NV  
DE VOS Johan  
GOGUEY Pascal  
COPEJANS Gert

Inventor(s):

DE VOS Johan  
GOGUEY Pascal  
COPEJANS Gert

Patent and Priority Information (Country, Number, Date):

Patent: WO 9630908 A1 19961003  
Application: WO 96EP1415 19960328 (PCT/WO EP9601415)  
Priority Application: EP 95200816 19950331

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ  
MD RU TJ TM AT DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN ML MR TD TG

Publication Language: English

Fulltext Word Count: 8849

Fulltext Availability:

Detailed Description

Detailed Description  
... and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end devices 40, the system manager 60 and the navigation devices 30 to each other, selectively, by using virtual channel connections and data is transferred to and from these components in a form of ATM packets consisting of...

31/3,K/12 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2000 WIPO/MicroPat. All rts. reserv.

00431955

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS

Patent Applicant/Assignee:

ELECTRONIC PUBLISHING RESOURCES INC

Inventor(s):

GINTER Karl L  
SHEAR Victor H  
SPAHN Francis J  
VAN WIE David M

Patent and Priority Information (Country, Number, Date):

Patent: WO 9627155 A2-A3 19960906  
Application: WO 96US2303 19960213 (PCT/WO US9602303)  
Priority Application: US 95388107 19950213

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB  
GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY KG KZ RU TJ  
TM AT BE CH DE FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML  
MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 205184

Fulltext Availability:

Detailed Description

Detailed Description

... sent to commercial database manager 730 in encrypted form. SDSM 744 in conjunction with cache **manager** 746 and database interface 748 may provide record management, caching (using cache manager 746), and related services (on top of) commercial database systems 730 and/or...

31/3,K/13 (Item 13 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00426770

MULTI-DRIVE VIRTUAL MASS STORAGE DEVICE AND METHOD OF OPERATING SAME  
MEMOIRE VIRTUELLE DE GRANDE CAPACITE MULTIUNITE ET SON PROCEDE DE  
FONCTIONNEMENT

Patent Applicant/Assignee:

MICRON ELECTRONICS INC

Inventor(s):

KLEIN Dean A

ANDERSON Eric D

Patent and Priority Information (Country, Number, Date):

Patent: WO 9622570 A1 19960725

Application: WO 96US219 19960105 (PCT/WO US9600219)

Priority Application: US 95370650 19950110

Designated States: JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 12999

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... each physical mass storage device has a physical address space arranged into a format accessed via a plurality of physical addresses.

The virtual device includes a data manager for handling data transfers with the physical mass storage devices .

The data manager includes a virtual address space arranged into a format accessed via a plurality of logical addresses, with each logical address corresponding to a physical address on...groups of sectors. All of the physical devices may be controlled substantially simultaneously, and, when using intelligent devices such as IDE hard disk drives, the controllers on the physical devices can perform many of the data transfer functions independent of the master virtual device data manager or controller , thereby leaving the

Claim

... each physical mass storage device having a physical address space arranged into a format accessed via a plurality of physical addresses, the virtual device comprising a data manager for handling data transfers with the physical mass storage devices , wherein the data manager includes a virtual address space arranged into a format accessed via a plurality of logical addresses, wherein each logical address corresponds to a physical address on...

31/3,K/14 (Item 14 from file: 349)

DIALOG(R) File 349:PCT Fulltext

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00366462

**APPARATUS AND METHOD OF COMMUNICATING USING THREE DIGITS OF A HAND**  
**APPAREIL ET PROCEDE DE COMMUNICATION UTILISANT TROIS DOIGTS D'UNE MAIN**

Patent Applicant/Assignee:

McCLOUD Seth R

Inventor(s):

McCLOUD Seth R

Patent and Priority Information (Country, Number, Date):

Patent: WO 9427371 A1 19941124

Application: WO 94US5324 19940513 (PCT/WO US9405324)

Priority Application: US 9362348 19930517

Designated States: AU CA DE DK GB JP SE AT BE CH DE DK ES FR GB GR IE IT LU  
MC NL PT SE

Publication Language: English

Fulltext Word Count: 7830

Fulltext Availability:

Detailed Description

Detailed Description

... 1-5, an apparatus, hereinafter called an input controller 10, is illustrated is for inputting information into an electronic device 90.

The input controller 10 is designed for inputting information to an electronic device 90 using the index (I) and middle (M) fingers and thumb (T) of one hand (H) of...

31/3,K/15 (Item 15 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00243650

**SIGNAL PROCESSING APPARATUS AND METHODS**

**DISPOSITIF ET PROCEDES DE TRAITEMENT DE SIGNAUX**

Patent Applicant/Assignee:

HARVEY John C

Inventor(s):

HARVEY John C

CUDDIHY James W

Patent and Priority Information (Country, Number, Date):

Patent: WO 8902682 A1 19890323

Application: WO 88US3000 19880908 (PCT/WO US8803000)

Priority Application: US 8796096 19870911

Designated States: AT AU BE BJ BR CF CG CH CM DE DK FI FR GA GB GB HU IT JP  
KP LK LU MC MG MW NL NO RO SE SN SU TD TG

Publication Language: English

Fulltext Word Count: 168452

Fulltext Availability:

Claims

Claim

... 205 register memory to particular SPAM-last-01-header-exec-@205 register memory. Then SPAM-controller , 205C, causes all apparatus of SPAM-controller , 205C, to delete from memory all information of said transferred binary information except information at...

31/3,K/16 (Item 1 from file: 348)

DIALOG(R)File 348:European Patents

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00968808

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

METHOD FOR SENDING E-MAIL MESSAGES IN A LOCAL AREA NETWORK, AND DEVICE FOR APPLYING SAME

VERFAHREN UND VORRICHTUNG ZUM SENDEN VON ELEKTRONISCHEN POSTNACHRICHTEN IN

EINEM LOKALEN NETZ

PROCEDE DE TRANSMISSION DE MESSAGES PAR COURRIER ELECTRONIQUE DANS UN  
RESEAU LOCAL ET DISPOSITIF PREVU A CET EFFET

PATENT ASSIGNEE:

Samsung Electronics Co., Ltd., (2171365), 416 Maetan-3 dong, Paldal-ku,  
Suwon-city, Gyungki-do, (KR), (applicant designated states: DE;GB)

INVENTOR:

INHWAN, Kim, 3309, Samsung, 3, Maetan-dong, Paldal-gu, Suwon, Kyoungki-do,  
(KR)

VYAZNIKOV, Konstantin Vitalievich, ul. M.Nikitskaya, 16-70, Moscow,  
129061, (RU)

POTRYVAEV, Alexandr Mikhailovich, ul. Chkalova, 8-2, Schelkovo-5,  
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GNEDOVSKY, Mikhail Jurievich, ul. Konstantina Fedina, 15-23, Moscow,  
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KRASNONOSENKIKH, Dmitry Pavlovich, ul. Lenina, 24v-118, Protvino,  
Moskovskaya obl., 142284, (RU)

LEGAL REPRESENTATIVE:

Sparing - Rohl - Henseler Patentanwalte (100363), Postfach 14 04 43,  
40074 Dusseldorf, (DE)

PATENT (CC, No, Kind, Date): EP 918413 A1 990526 (Basic)  
WO 9827690 980625

APPLICATION (CC, No, Date): EP 96946326 961216; WO 96RU348 961216

PRIORITY (CC, No, Date): EP 96946326 961216; WO 96RU348 961216

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: H04L-012/28; G06F-015/16; G06F-015/173;  
H04N-001/00;

ABSTRACT WORD COUNT: 130

LANGUAGE (Publication, Procedural, Application): English; English; Russian

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9921	578
SPEC A	(English)	9921	2661
Total word count - document A			3239
Total word count - document B			0
Total word count - documents A + B			3239

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION mail and is transmitted along MHS network channels at the transmitting end. When the converted electronic mail message reaches handling machinery 10 realizing the electronic mail mode, directory control apparatus 11 receives an enquiry on the address of the electronic mail corresponding to the fax number. The directory control apparatus 11 carries out a search for a corresponding address of electronic mail among the information of the directories using the fax number, and then the found address of electronic mail is sent to the...

...enhancement of the reliability of transmitting messages by providing service with the required type of electronic mail without using a specialized device to control the directories .

This object is achieved in a method for transmitting electronic mail in a local network, wherein forming a message and transmitting a formed message to a...

31/3,K/17 (Item 2 from file: 348)

DIALOG(R)File 348:European Patents

(c) 2000 European Patent Office. All rts. reserv.

00787597

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

A video service system with VCR function

Videodienstsystem mit der Funktion eines Videokassettenrekorders

Systeme de service video avec fonctionnalite de magnetoscope

**PATENT ASSIGNEE:**

Sony Telecom (Europe) N.V., (1924780), Luchtschipstraat 55, B-1130  
Brussel, (BE), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

**INVENTOR:**

De Vos, Johan c/o Sony Telecom (Europe) N.V., Luchtschipstraat55, B-1130  
Brussel, (BE)  
Goguey, Pascal c/o Sony Telecom (Europe) N.V., Luchtschipstraat55, B-1130  
Brussel, (BE)

**LEGAL REPRESENTATIVE:**

Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten  
en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)

**PATENT (CC, No, Kind, Date): EP 735766 A1 961002 (Basic)**

**APPLICATION (CC, No, Date): EP 95200823 950331;**

**PRIORITY (CC, No, Date): EP 95200823 950331**

**DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE**

**INTERNATIONAL PATENT CLASS: H04N-007/173;**

**ABSTRACT WORD COUNT: 216**

**LANGUAGE (Publication,Procedural,Application): English; English; English**

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	549
SPEC A	(English)	EPAB96	7897
Total word count - document A			8446
Total word count - document B			0
Total word count - documents A + B			8446

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end **devices** 40, the system **manager** 60 and the navigation devices 30 to each other, selectively, by **using** **virtual** channel connections and **data** is transferred to and from these components in a form of ATM packets consisting of...

**31/3,K/18 (Item 3 from file: 348)**

DIALOG(R)File 348:European Patents

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00787596

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**Storage medium unit**

**Speichereinheit**

**Unite de stockage**

**PATENT ASSIGNEE:**

Sony Telecom (Europe) N.V., (1924780), Luchtschipstraat 55, B-1130  
Brussel, (BE), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

**INVENTOR:**

De Vos, Johan, c/o Sony Telecom (Europe) N.V. Luchtshipstraat 55, B-1130  
Brussel, (BE)

**LEGAL REPRESENTATIVE:**

Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten  
en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)

**PATENT (CC, No, Kind, Date): EP 735765 A1 961002 (Basic)**

**APPLICATION (CC, No, Date): EP 95200822 950331;**

**PRIORITY (CC, No, Date): EP 95200822 950331**

**DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE**

**INTERNATIONAL PATENT CLASS: H04N-007/173;**

**ABSTRACT WORD COUNT: 104**

**LANGUAGE (Publication,Procedural,Application): English; English; English**

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	160
SPEC A	(English)	EPAB96	7833
Total word count - document A			7993
Total word count - document B			0
Total word count - documents A + B			7993

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...SPECIFICATION and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end devices 40, the system manager 60 and the navigation devices 30 to each other, selectively, by using virtual channel connections and data is transferred to and from these components in a form of ATM packets consisting of...

31/3,K/19 (Item 4 from file: 348)  
DIALOG(R)File 348:European Patents  
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00787594

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**A system for information on demand, including respective control means**  
**Verfahren fur Information-auf-Anfrage mit entsprechender Steuervorrichtung**  
**Systeme d'information a la demande avec dispositif de commande respectif**  
**PATENT ASSIGNEE:**

Sony Europa B.V., (2226970), Schipholweg 275, 1171 PK Badhoevedorp, (NL)  
, (Proprietor designated states: all)

**INVENTOR:**

De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)

Copejans, Gert, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)

Aerts, Ives, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55, B-1130  
Brussel, (BE)

Wybouw, Erik, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55, B-1130  
Brussel, (BE)

**LEGAL REPRESENTATIVE:**

Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten  
en Octrooigmachtingen, Sweelinckplein 1, 2517 GK Den Haag, (NL)

**PATENT (CC, No, Kind, Date):** EP 735764 A1 961002 (Basic)  
EP 735764 B1 000726

**APPLICATION (CC, No, Date):** EP 95200820 950331;

**PRIORITY (CC, No, Date):** EP 95200820 950331

**DESIGNATED STATES:** AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

**INTERNATIONAL PATENT CLASS:** H04N-007/173

**ABSTRACT WORD COUNT:** 162

**NOTE:**

Figure number on first page: 1

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200030	471
CLAIMS B	(German)	200030	363
CLAIMS B	(French)	200030	558
SPEC B	(English)	200030	7833
Total word count - document A			0
Total word count - document B			9225
Total word count - documents A + B			9225

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31/3,K/20 (Item 5 from file: 348)  
DIALOG(R)File 348:European Patents

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00787593

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**A system for information on demand**

**System fur Information auf Anfrage**

**Système d'information à la demande**

PATENT ASSIGNEE:

Sony Europa B.V., (2226970), Schipholweg 275, 1171 PK Badhoevedorp, (NL)  
, (Proprietor designated states: all)

INVENTOR:

De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)

Barraud, Claude, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)

LEGAL REPRESENTATIVE:

Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten  
en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)

PATENT (CC, No, Kind, Date): EP 735763 A1 961002 (Basic)

EP 735763 B1 000705

APPLICATION (CC, No, Date): EP 95200819 950331;

PRIORITY (CC, No, Date): EP 95200819 950331

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

INTERNATIONAL PATENT CLASS: H04N-007/173

ABSTRACT WORD COUNT: 178

NOTE:

Figure number on first page: 5

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200027	997
CLAIMS B	(German)	200027	823
CLAIMS B	(French)	200027	1198
SPEC B	(English)	200027	8129
Total word count - document A			0
Total word count - document B			11147
Total word count - documents A + B			11147

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31/3,K/21 (Item 6 from file: 348)

DIALOG(R) File 348:European Patents

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00787592

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**Storage medium unit for storing information data, preferably video data  
and/or audio data**

**Speichereinheit zur Aufzeichnung von Informationsdaten vorzugsweise von  
Video- und/oder Audiodaten**

**Unité de stockage pour données d'information, de préférence pour données  
vidéo et/ou audio**

PATENT ASSIGNEE:

Sony Europa B.V., (2226970), Schipholweg 275, 1171 PK Badhoevedorp, (NL)  
, (Proprietor designated states: all)

INVENTOR:

De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)

Barraud, Claude, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)

LEGAL REPRESENTATIVE:

Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten  
en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)

PATENT (CC, No, Kind, Date): EP 735762 A1 961002 (Basic)

EP 735762 B1 000705  
APPLICATION (CC, No, Date): EP 95200818 950331;  
PRIORITY (CC, No, Date): EP 95200818 950331  
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE  
INTERNATIONAL PATENT CLASS: H04N-007/173  
ABSTRACT WORD COUNT: 122

NOTE:

Figure number on first page: 3

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200027	512
CLAIMS B	(German)	200027	400
CLAIMS B	(French)	200027	629
SPEC B	(English)	200027	7747
Total word count - document A			0
Total word count - document B			9288
Total word count - documents A + B			9288

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31/3, K/22 (Item 7 from file: 348)  
DIALOG(R) File 348: European Patents  
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00787591

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

A navigation system

Navigationssystem

Système de navigation

PATENT ASSIGNEE:

Sony Telecom (Europe) N.V., (1924780), Luchtschipstraat 55, B-1130  
Brussel, (BE), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

De Vos, Johan, c/o Sony Telecom (Europe) N.V. Luchtschipstraat 55, B-1130  
Brussel, (BE)  
Barraud, Claude, c/o Sony Telecom (Europe) N.V. Luchtschipstraat 55,  
B-1130 Brussel, (BE)

LEGAL REPRESENTATIVE:

Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten  
en Octrooigmachtingen, Sweelinckplein 1, 2517 GK Den Haag, (NL)

PATENT (CC, No, Kind, Date): EP 735761 A1 961002 (Basic)

APPLICATION (CC, No, Date): EP 95200817 950331;

PRIORITY (CC, No, Date): EP 95200817 950331

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

INTERNATIONAL PATENT CLASS: H04N-007/173;

ABSTRACT WORD COUNT: 173

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	580
SPEC A	(English)	EPAB96	7972
Total word count - document A			8552
Total word count - document B			0
Total word count - documents A + B			8552

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end devices 40, the system manager 60 and the navigation devices 30 to each other, selectively, by using

**virtual channel connections and data** is transferred to and from these components in a form of ATM packets consisting of...

**31/3,K/23 (Item 8 from file: 348)**  
DIALOG(R)File 348:European Patents  
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00787590

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348  
**A storage medium unit and video service system having a staggered recording Speichereinheit mit versetzter Aufzeichnung**  
**Unite de stockage et systeme de service video avec enregistrement en quinconce**

**PATENT ASSIGNEE:**

Sony Telecom (Europe) N.V., (1924780), Luchtschipstraat 55, B-1130 Brussel, (BE), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

**INVENTOR:**

De Vos,Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55 Brussel , (BE)  
Copejans,Gert, c/o Sony Telecom (Europe)N.V. Lushtschipstraat 55, B-1130 Brussel, (BE)  
Goguey,Pascal, c/o Sony Telecom (Europe) N.V. Luchtschipstraat 55, B-1130 Brussel, (BE)

**LEGAL REPRESENTATIVE:**

Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten en Octrooigemachtingen, Sweelinckplein 1, 2517 GK Den Haag, (NL)

**PATENT (CC, No, Kind, Date): EP 735538 A1 961002 (Basic)**

**APPLICATION (CC, No, Date): EP 95200816 950331;**

**PRIORITY (CC, No, Date): EP 95200816 950331**

**DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE**

**INTERNATIONAL PATENT CLASS: G11B-027/00;**

**ABSTRACT WORD COUNT: 80**

**LANGUAGE (Publication,Procedural,Application): English; English; English**  
**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	630
SPEC A	(English)	EPAB96	7729
Total word count - document A			8359
Total word count - document B			0
Total word count - documents A + B			8359

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

...SPECIFICATION and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end **devices** 40, the system **manager** 60 and the navigation devices 30 to each other, selectively, by **using virtual channel connections and data** is transferred to and from these components in a form of ATM packets consisting of...

**31/3,K/24 (Item 9 from file: 348)**  
DIALOG(R)File 348:European Patents  
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00787589

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348  
**A system for serving information including an archive and delivery storage medium unit**

**Informationsdienstsystem mit Archiv- und Abgabespeichereinheit**  
**Systeme de service d'information avec unite de stockage pour l'archivage et la distribution**

**PATENT ASSIGNEE:**

Sony Telecom (Europe) N.V., (1924780), Luchtschipstraat 55, B-1130

Brussel, (BE), (applicant designated states:  
AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE)

INVENTOR:

Barraud, Claude, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)  
De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)  
Copejans, Gert, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)  
Goguey, Pascal, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)  
Aerts, Ives, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55, B-1130  
Brussel, (BE)  
De Ceulaer, Luc, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)  
Wybouw, Erik, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55, B-1130  
Brussel, (BE)

LEGAL REPRESENTATIVE:

Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten  
en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)

PATENT (CC, No, Kind, Date): EP 735760 A1 961002 (Basic)

APPLICATION (CC, No, Date): EP 95200815 950331;

PRIORITY (CC, No, Date): EP 95200815 950331

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

INTERNATIONAL PATENT CLASS: H04N-007/173;

ABSTRACT WORD COUNT: 247

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	694
SPEC A	(English)	EPAB96	7855
Total word count - document A			8549
Total word count - document B			0
Total word count - documents A + B			8549

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...SPECIFICATION and navigation devices 30. ATM switch 1 connects the storage medium units 20, the end devices 40, the system manager 60 and the navigation devices 30 to each other, selectively, by using virtual channel connections and data is transferred to and from these components in a form of ATM packets consisting of...

31/3,K/25 (Item 10 from file: 348)

DIALOG(R) File 348:European Patents

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00787588

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

A system for information on demand, including multi-casting

System fur Information auf Anfrage mit Mehrfachubertragung

Systeme d'information a la demande avec transmission a destination multiple

PATENT ASSIGNEE:

Sony Europa B.V., (2226970), Schipholweg 275, 1171 PK Badhoevedorp, (NL)  
, (Proprietor designated states: all)

INVENTOR:

Barraud, Claude, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)

De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)

LEGAL REPRESENTATIVE:

Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten  
en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)

PATENT (CC, No, Kind, Date): EP 735759 A1 961002 (Basic)

EP 735759 B1 000726  
APPLICATION (CC, No, Date): EP 95200814 950331;  
PRIORITY (CC, No, Date): EP 95200814 950331  
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE  
INTERNATIONAL PATENT CLASS: H04N-007/173  
ABSTRACT WORD COUNT: 248  
NOTE:

Figure number on first page: 16

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200030	356
CLAIMS B	(German)	200030	284
CLAIMS B	(French)	200030	418
SPEC B	(English)	200030	7631
Total word count - document A			0
Total word count - document B			8689
Total word count - documents A + B			8689

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31/3, K/26 (Item 11 from file: 348)  
DIALOG(R) File 348: European Patents  
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00787587

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A system for serving information including a storage media manager  
Informationsdienstsystem mit Speichermedienverwaltung  
Systeme de service d'information avec gestion des supports d'enregistrement  
PATENT ASSIGNEE:

Sony Europa B.V., (2226970), Schipholweg 275, 1171 PK Badhoevedorp, (NL)  
, (Proprietor designated states: all)

INVENTOR:

De Vos, Johan, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)  
Copejans, Gert, c/o Sony Telecom (Europe) N.V., Luchtschipstraat 55,  
B-1130 Brussel, (BE)

LEGAL REPRESENTATIVE:

Land, Addick Adrianus Gosling et al (59332), Arnold & Siedsma, Advocaten  
en Octrooigemachtigden, Sweelinckplein 1, 2517 GK Den Haag, (NL)

PATENT (CC, No, Kind, Date): EP 735758 A1 961002 (Basic)  
EP 735758 B1 000705

APPLICATION (CC, No, Date): EP 95200813 950331;

PRIORITY (CC, No, Date): EP 95200813 950331

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

INTERNATIONAL PATENT CLASS: H04N-007/173

ABSTRACT WORD COUNT: 207

NOTE:

Figure number on first page: 10

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200027	737
CLAIMS B	(German)	200027	595
CLAIMS B	(French)	200027	879
SPEC B	(English)	200027	7616
Total word count - document A			0
Total word count - document B			9827
Total word count - documents A + B			9827

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**31/3,K/27 (Item 12 from file: 348)**  
DIALOG(R)File 348:European Patents  
(c) 2000 European Patent Office. All rts. reserv.

00430823

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348  
**Method and apparatus for driving stepping motor.**

**Verfahren und Gerat zum Betreiben eines Schrittschaltmotors.**

**Methode et appareil pour l'entrainement d'un moteur pas a pas.**

PATENT ASSIGNEE:

Kabushiki Kaisha Toshiba, (213137), 72, Horikawa-cho Saiwai-ku,  
Kawasaki-shi, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Takahashi, Masaki, c/o Intellectual Property Div., Kabushiki Kaisha  
Toshiba, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105, (JP)

LEGAL REPRESENTATIVE:

Freed, Arthur Woolf et al (30751), MARKS & CLERK 57-60 Lincoln's Inn  
Fields, London WC2A 3LS, (GB)

PATENT (CC, No, Kind, Date): EP 462335 A1 911227 (Basic)  
EP 462335 B1 940504

APPLICATION (CC, No, Date): EP 90306619 900618;

PRIORITY (CC, No, Date): EP 90306619 900618

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H02P-008/00;

ABSTRACT WORD COUNT: 180

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1234
CLAIMS B	(German)	EPBBF1	986
CLAIMS B	(French)	EPBBF1	1358
SPEC B	(English)	EPBBF1	8072
Total word count - document A			0
Total word count - document B			11650
Total word count - documents A + B			11650

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...SPECIFICATION Fig. 17, the arithmetic unit 60b has substantially the same arrangement as that of the **arithmetic** unit shown in Fig. 13. More specifically, the arithmetic unit 60b **reads** out pulse rate **data** corresponding to a velocity designated by the velocity setting unit 75 from the memory unit 50, and controls...

**31/3,K/28 (Item 13 from file: 348)**  
DIALOG(R)File 348:European Patents  
(c) 2000 European Patent Office. All rts. reserv.

00401208

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**Servicing interrupts in a data processing system**

**Unterbrechungsbedienung in einem Datenverarbeitungssystem**

**Prise en charge d'interruptions dans un systeme de traitement de donnees**

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Dinwiddie, John Monroe, Jr., 112 Pacer Circle, West Palm Beach, FL 33414,  
(US)

Grice, Lonnier Edward, 252 N.W. 44th Street, Boca Raton, FL 33431, (US)  
Loffredo, John Mario, 2694 S.W. 14th Drive, Deerfield Beach, FL 33442,  
(US)

Sanderson, Kenneth Russell, 1132 Widgeon Road, West Palm Beach, FL 33414,  
(US)

LEGAL REPRESENTATIVE:

Bailey, Geoffrey Alan (27921), IBM United Kingdom Limited Intellectual  
Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)  
PATENT (CC, No, Kind, Date): EP 398696 A2 901122 (Basic)  
EP 398696 A3 940105  
EP 398696 B1 970723

APPLICATION (CC, No, Date): EP 90305309 900516;

PRIORITY (CC, No, Date): US 353117 890517

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G06F-015/16; G06F-013/26;

ABSTRACT WORD COUNT: 214

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	700
CLAIMS B	(English)	9707W4	715
CLAIMS B	(German)	9707W4	619
CLAIMS B	(French)	9707W4	829
SPEC A	(English)	EPABF1	70506
SPEC B	(English)	9707W4	70530
Total word count - document A			71213
Total word count - document B			72693
Total word count - documents A + B			143906

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...SPECIFICATION through special hardware allowing each to communicate with  
the other on a direct basis (i.e., without using existing I/O  
channels of either).

A special type of tight coupling presently contemplated, termed...

31/3,K/29 (Item 14 from file: 348)

DIALOG(R) File 348: European Patents

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00401205

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Method and apparatus for adding a data processing function to a data  
processing system

Verfahren und Anordnung zum Hinzufügen von einer Datenverarbeitungsfunktion  
zu einem Datenverarbeitungssystem

Methode et appareil pour l'addition d'un fonction de traitement des données  
à un système de traitement de données

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Dinwiddie, John Monroe, Jr., 112 Pacer Circle, West Palm Beach, FL 33414,  
(US)

Grice, Lonnie Edward, 252 N.W. 44th Street, Boca Raton, FL 33431, (US)

Joyce, James Maurice, 1544 N.W. 9th Street, Boca Raton, FL 33486, (US)

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Sanderson, Kenneth Russell, 1132 Widgeon Road, West Palm Beach, FL 33414,  
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Baker, Ernest Dysart, 12032 Deer Run, North Carolina, 27614, (US)

LEGAL REPRESENTATIVE:

Bailey, Geoffrey Alan (27921), IBM United Kingdom Limited Intellectual  
Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 398693 A2 901122 (Basic)

EP 398693 A3 940202

EP 398693 B1 980909

APPLICATION (CC, No, Date): EP 90305306 900516;  
PRIORITY (CC, No, Date): US 353111 890517  
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE  
INTERNATIONAL PATENT CLASS: G06F-015/16; G06F-013/12;  
ABSTRACT WORD COUNT: 219

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9837	1109
CLAIMS B	(German)	9837	979
CLAIMS B	(French)	9837	1299
SPEC B	(English)	9837	71715
Total word count - document A			0
Total word count - document B			75102
Total word count - documents A + B			75102

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...SPECIFICATION 370 processor pairs are coupled individually to the common bus structure of the S/88 via a storage manager apparatus and S/88 bus interface for fetching and storing S/370 instructions and data from their respective dedicated storage area.

The preferred embodiment provides a method and means of...

31/3,K/30 (Item 15 from file: 348)  
DIALOG(R) File 348: European Patents  
(c) 2000 European Patent Office. All rts. reserv.

00270181

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Distributed packet switching system.

Verteiltes Paketvermittlungssystem.

Systeme de commutation a paquets distribue.

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,  
(US), (applicant designated states: BE;DE;FR;GB;IT;NL;SE)

INVENTOR:

Hunter Paul Douglas, 107 Hopi Court, Naperville Illinois 60540, (US)  
Johnson, James Moscoe, Jr., 21W762 Glen Valley Drive, Glen Ellyn Illinois  
60137, (US)  
McHarg, Christopher Gordon, 1110 S. Fernandez, Arlington Heights Illinois  
60005, (US)  
Pierce, David Anthony, 2158 Blacksmith Drive, Wheaton Illinois 60187,  
(US)  
Starr, Thomas Jonathan Jeremy, 904 South Hale, Wheaton Illinois 60187,  
(US)  
Widrevitz, Benjamin Cecil, 7136 Blackburn Street, Downers Grove Illinois  
60515, (US)  
Wilson, Ralph Alfred, III, 1N280 Darling Street, Wheaton Illinois 60187,  
(US)  
Zola, Meyer Joseph, 601 Washington Boulevard, Oak Park Illinois 60303,  
(US)

LEGAL REPRESENTATIVE:

Johnston, Kenneth Graham et al (32381), AT&T (UK) Ltd. 5 Mornington Road,  
Woodford Green Essex, IG8 OTU, (GB)

PATENT (CC, No, Kind, Date): EP 259117 A2 880309 (Basic)  
EP 259117 A3 900124  
EP 259117 B1 940126

APPLICATION (CC, No, Date): EP 87307643 870828;

PRIORITY (CC, No, Date): US 904962 860905

DESIGNATED STATES: BE; DE; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: H04L-012/54; H04L-012/58; H04Q-011/04;

ABSTRACT WORD COUNT: 134

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	740
CLAIMS B	(German)	EPBBF1	588
CLAIMS B	(French)	EPBBF1	938
SPEC B	(English)	EPBBF1	12369
Total word count - document A			0
Total word count - document B			14635
Total word count - documents A + B			14635

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...SPECIFICATION priority packet would start bidding with an advanced bid.

In the reverse direction, fine group controller 5021 transmits received packets using 30 of the 32 time slots on time-multiplexed line 5007. Only packet line circuits defined by the packet headers actually store received packets in their packet buffers...

31/3,K/31 (Item 16 from file: 348)

DIALOG(R)File 348:European Patents

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00243230

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Image information processing apparatus.

Bildinformationsverarbeitungsgerat.

Appareil pour le traitement d'une information d'image.

PATENT ASSIGNEE:

KABUSHIKI KAISHA TOSHIBA, (213130), 72, Horikawa-cho Saiwai-ku,  
Kawasaki-shi Kanagawa-ken 210, (JP), (applicant designated states:  
DE;FR;NL)

INVENTOR:

Kanno, Masayuki c/o Patent Division, Kabushiki Kaisha Toshiba 1-1  
Shibaura 1-chome, Minato-ku Tokyo 105, (JP)

LEGAL REPRESENTATIVE:

Henkel, Feiler, Hanzel & Partner (100401), Mohlstrasse 37, W-8000 Munchen  
80, (DE)

PATENT (CC, No, Kind, Date): EP 249948 A2 871223 (Basic)  
EP 249948 A3 880831  
EP 249948 B1 911016

APPLICATION (CC, No, Date): EP 87108669 870616;

PRIORITY (CC, No, Date): JP 86140915 860617

DESIGNATED STATES: DE; FR; NL

INTERNATIONAL PATENT CLASS: H04N-001/387;

ABSTRACT WORD COUNT: 179

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	532
CLAIMS B	(German)	EPBBF1	438
CLAIMS B	(French)	EPBBF1	626
SPEC B	(English)	EPBBF1	5931
Total word count - document A			0
Total word count - document B			7527
Total word count - documents A + B			7527

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...SPECIFICATION and when the output of image information is provided by CRT display device 24 or recording device 25 (both serving as an output device), this circuit also converts the pixel density of the image information according to the conversion factor which is associated with the pixel density of the image...

...2, magnetic disk 28 includes a pixel density conversion table storage area 28a, a retrieval data storage area 28b, and an image

information memory address storage area 28c. Pixel density conversion table storage area 28a contains conversion factors...

31/3,K/32 (Item 17 from file: 348)  
DIALOG(R)File 348:European Patents  
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00230793

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Communication exchange device and method for hired vehicles

Einrichtung und Verfahren zur Vermittlung von Lohnfuhrwerken

Dispositif et procede de communication pour vehicules de location

PATENT ASSIGNEE:

Funktaxi 3130 Vermittlungsgesellschaft m.b.H. und Co. KG., (813880),  
Edelhofgasse 27, A-1180 Wien, (AT), (applicant designated states:  
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

Norman-Audenhove, Balduin, Edelhofgasse 27, A-1180 Wien, (AT)

LEGAL REPRESENTATIVE:

Gibler, Ferdinand, Dipl.Ing. Dr. techn. (43391), Dorotheergasse 7/14,  
A-1010 Wien, (AT)

PATENT (CC, No, Kind, Date): EP 235498 A2 870909 (Basic)  
EP 235498 A3 870930  
EP 235498 B1 911023

APPLICATION (CC, No, Date): EP 86890334 861204;

PRIORITY (CC, No, Date): AT 853564 851209

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G07B-013/00

ABSTRACT WORD COUNT: 107

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	1130
CLAIMS B	(German)	EPAB96	891
CLAIMS B	(French)	EPAB96	1131
SPEC B	(German)	EPAB96	3865
Total word count - document A			0
Total word count - document B			7017
Total word count - documents A + B			7017

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... CLAIMS number has been dialled, this is forwarded to an automatic switching unit, if necessary after electronic processing:  
following this, in case b(sub 2)),

c) via the switching unit, a user directory which can be addressed by telephone numbers is called up and the address associated with...

31/3,K/33 (Item 18 from file: 348)  
DIALOG(R)File 348:European Patents  
(c) 2000 European Patent Office. All rts. reserv.

00206852

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

IC card.

Chipkarte.

Carte a circuit integre.

PATENT ASSIGNEE:

CASIO COMPUTER COMPANY LIMITED, (249360), 6-1, 2-chome, Nishi-Shinjuku,  
Shinjuku-ku Tokyo, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Kawana, Shigeyuki Pat. Dpt. D. Div. Hamura R & D, Center CASIO COMPUTER CO. LTD. 3-2-1, Sakae-cho, Hamura-machi Nishitama-gun Tokyo 190-11,

(JP)

Nakano, Harumi Pat. Dpt. D. Div. Hamura R & D, Center CASIO COMPUTER CO.  
LTD. 3-2-1, Sakae-cho, Hamura-machi Nishitama-gun Tokyo 190-11, (JP)

LEGAL REPRESENTATIVE:

Strasse, Joachim, Dipl.-Ing. (11612), STRASSE & PARTNER Balanstrasse 55,  
D-81541 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 212615 A2 870304 (Basic)  
EP 212615 A3 880907  
EP 212615 B1 911030

APPLICATION (CC, No, Date): EP 86111419 860818;

PRIORITY (CC, No, Date): JP 85184435 850822

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G07F-007/10;

ABSTRACT WORD COUNT: 41

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	439
CLAIMS B	(German)	EPBBF1	221
CLAIMS B	(French)	EPBBF1	363
SPEC B	(English)	EPBBF1	7362
Total word count - document A			0
Total word count - document B			8385
Total word count - documents A + B			8385

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...SPECIFICATION of that comparator is supplied to main controller 77.

Further, the above output controller 87 sends the decryption data received from encrypting arithmetic unit 82, to IC card 11 via output buffer 88. Encrypting arithmetic unit 82 encrypts the data (PAN) from working RAM 73 via system bus 71, according to the public key code...

31/3,K/34 (Item 19 from file: 348)

DIALOG(R) File 348:European Patents  
(c) 2000 European Patent Office. All rts. reserv.

00205107

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IC card system

Chipkartensystem

Systeme a carte a circuit integre

PATENT ASSIGNEE:

CASIO COMPUTER COMPANY LIMITED, (249360), 6-1, 2-chome, Nishi-Shinjuku,  
Shinjuku-ku Tokyo 160, (JP), (applicant designated states:  
AT;BE;CH;DE;FR;GB;IT;LI;NL;SE)

INVENTOR:

Nakano, Harumi Patent Dept. Development Div., Hamura R&D Center CASIO  
COMPUTER 3-2-1, Sakae-cho, Hamura-machi Nishitama-gun Tokyo 190-11,  
(JP)

Shigenaga, Yoshimi Patent Dept. Development Div., Hamura R&D Center CASIO  
COMPUTER 3-2-1, Sakae-cho, Hamura-machi Nishitama-gun Tokyo 190-11,  
(JP)

LEGAL REPRESENTATIVE:

Strasse, Joachim, Dipl.-Ing. et al (11612), Strasse, Vonnemann & Partner  
Balanstrasse 55, 81541 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 209092 A2 870121 (Basic)  
EP 209092 A3 880727  
EP 209092 B1 930929

APPLICATION (CC, No, Date): EP 86109530 860711;

PRIORITY (CC, No, Date): JP 85156834 850716

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G07F-007/10

ABSTRACT WORD COUNT: 81

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB97	914
CLAIMS B	(German)	EPAB97	774
CLAIMS B	(French)	EPAB97	1026
SPEC B	(English)	EPAB97	10489
Total word count - document A			0
Total word count - document B			13203
Total word count - documents A + B			13203

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...SPECIFICATION encrypted, with the key of "CA", in response to the command from main controller 77, and outputted to input/output controller 86 . The data base, i.e. the encrypted data is output to the host computer, when it is connected in on-line manner. This ...

31/3,K/35 (Item 20 from file: 348)  
DIALOG(R) File 348:European Patents  
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00200729

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Data processing peripheral subsystems having a controller and a plurality of peripheral devices.

Peripherie-Untersysteme fur Datenverarbeitung mit einer Steuereinrichtung und einer Mehrheit von Peripheriegeraten.

Sous-systemes peripheriques pour traitement de donnees possedant un contrroleur et une pluralite de dispositifs peripheriques.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Kulakowski, John Edward, 7541 E. Knollwood Pl., Tucson Arizona 85715, (US)

Means, Rodney Jerome, 6988 E. Calle Cerca, Tucson Arizona 85715, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. et al (52152), IBM United Kingdom Limited Intellectual Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 215184 A2 870325 (Basic)  
EP 215184 A3 900425  
EP 215184 B1 940112

APPLICATION (CC, No, Date): EP 86105009 860411;

PRIORITY (CC, No, Date): US 733421 850513

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-003/06;

ABSTRACT WORD COUNT: 89

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1580
CLAIMS B	(German)	EPBBF1	1399
CLAIMS B	(French)	EPBBF1	1882
SPEC B	(English)	EPBBF1	12316
Total word count - document A			0
Total word count - document B			17177
Total word count - documents A + B			17177

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...CLAIMS signals.

2. A data processing system as claimed in claim 1 characterised in that

said **data -transfer** means (32) comprises in each of said **devices**  
data-format means (87 ) for indicating predetermined **data**  
**-format-reference** indicia interposed between elements of data to be  
transferred between said second **electronic control** circuits (21)  
of **said controller** (11) and said first **electronic control**  
**circuits of said devices** (12) which relate to a predetermined  
logical arrangement of the data as transferred within the...

...controller comprises write/read-circuit-control means (23) connected to  
said device-gating means (90) via said time-controlled  
information-transfer means (120, 122) for transferring data signals  
between the first **electronic control** circuits of a currently  
selected **device** and said **controller electronic control**  
**circuits** (21) intermediate in time between successive ones of said  
indicated data-format-reference indicia.

00821513

Data broadcast receiving apparatus

Datenrundfunkempfänger

Recepteur pour un système de radiodiffusion de données

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma,  
Kadoma-shi, Osaka 571-8501, (JP), (Proprietor designated states: all)

INVENTOR:

Maeda, Takio, 7-2-8-202 Tawaradai, Shijonwateshi, Osaka 575, (JP)  
Henmi, Hidemi, 2-28-23, Jinryo, Otsu-shi, Shiga 520-21, (JP)  
Yamaguchi, Namio, 81-3, Ikaganishi-cho, Hirakata-shi, Osaka 573, (JP)  
Kandaka, Isao, 1-29-2, Higashinakaburi, Hirakata-shi, Osaka 573, (JP)

LEGAL REPRESENTATIVE:

Crawford, Andrew Birkby et al (29761), A.A. Thornton & Co. 235 High  
Holborn, London WC1V 7LE, (GB)

PATENT (CC, No, Kind, Date): EP 763942 A2 970319 (Basic)  
EP 763942 A3 971210  
EP 763942 B1 021218

APPLICATION (CC, No, Date): EP 96306664 960913;

PRIORITY (CC, No, Date): JP 95236706 950914; JP 95236707 950914; JP  
95236708 950914; JP 95236709 950914; JP 95236710 950914

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-007/173

CITED PATENTS (EP B): EP 569311 A; EP 583196 A

#### ABSTRACT EP 763942 A2

The invention relates to a data broadcast receiving apparatus used in a system combined with other transmission line such as telephone circuit, by receiving television broadcast having data broadcast signal such as teletext signal superposed on television broadcast signal, in which a first auxiliary information signal contained in the data broadcast signal and a second auxiliary information signal from other transmission line are extracted, control procedure is created on the basis of the first and second auxiliary information signals, and the data broadcast signal and two pieces of main information from other transmission line are processed efficiently according to the purpose.

ABSTRACT WORD COUNT: 102

NOTE:

Figure number on first page: NONE

LEGAL STATUS (Type, Pub Date, Kind, Text):

Grant: 021218 B1 Granted patent  
Examination: 20000202 A2 Date of dispatch of the first examination  
report: 19991216

Application: 970319 A2 Published application (A1with Search Report  
;A2without Search Report)

Change: 970326 A2 Inventor (change)

Search Report: 971210 A3 Separate publication of the European or  
International search report

Examination: 980325 A2 Date of filing of request for examination:  
980123

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	1140
CLAIMS B	(English)	200251	1214
CLAIMS B	(German)	200251	983
CLAIMS B	(French)	200251	1538
SPEC A	(English)	EPAB97	9854
SPEC B	(English)	200251	9961

Total word count - document A 10996

Total word count - document B 13696

Total word count - documents A + B 24692

...SPECIFICATION processes the information, and transmits the result to the broadcast station through the telephone circuit.

Next, in the case of television shopping by watching the television broadcast or online survey, the operation is as follows. In the individual data broadcast receiving apparatus 310, the ID number is preliminarily provided and registered in the RAM 313. The television broadcasting station contains, in the data broadcast signal superposed in the vertical blanking period of the television broadcast, the delay control data, aside from the telephone number of the response server 340 offering online service, mail - order sales company name, merchandise name, merchandise number, price, and other data.

The delay control data is the delay time from request of connection of online...

...SPECIFICATION processes the information, and transmits the result to the broadcast station through the telephone circuit.

Next, in the case of television shopping by watching the television broadcast or online survey, the operation is as follows. In the individual data broadcast receiving apparatus 310, the ID number is preliminarily provided and registered in the RAM 313. The television broadcasting station contains, in the data broadcast signal superposed in the vertical blanking period of the television broadcast, the delay control data, aside from the telephone number of the response server 340 offering online service, mail - order sales company name, merchandise name, merchandise number, price, and other data.

The delay control data is the delay time from request of connection of online...

8/5,K/15 (Item 15 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00288579

Cooking computer communication system.

Übertragungssystem fur einen Kochrechner.

Système de communication pour calculateur de cuisson.

PATENT ASSIGNEE:

FOOD AUTOMATION-SERVICE TECHNIQUES, INC. a corporation of the State of Delaware, (755420), 905 Honeyspot Road, Stratford Connecticut 06497, (US), (applicant designated states:  
AT;BE;CH;DE;ES;FR;GB;GR;IT;LI;LU;NL;SE)

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LEGAL REPRESENTATIVE:

Leineweber, Jurgen, Dipl.-Phys. (7501), Nagelschmiedshutte 8, D-50859  
Koln, (DE)

PATENT (CC, No, Kind, Date): EP 285056 A2 881005 (Basic)  
EP 285056 A3 890301  
EP 285056 B1 940427

APPLICATION (CC, No, Date): EP 88104960 880328;

PRIORITY (CC, No, Date): US 33097 870331

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G05D-023/19; A47J-027/62;

CITED PATENTS (EP A): US 4380698 A; US 4626662 A; US 4131786 A

ABSTRACT EP 285056 A2

A cooking computer communication system in which a control computer controls one or more cooking appliance computers. The control computer may, for example, be a local store computer or may be a remote corporate mainframe computer. The system also may include an interface microprocessor between the cooking appliance computer and the local computer and the control computer may include the interface processor. The local store computer or the remote computer may also act as a monitor computer.

ABSTRACT WORD COUNT: 81

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse: 20000126 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19940427, GR 19940427,  
Application: 881005 A2 Published application (A1with Search Report ;A2without Search Report)  
Change: 890201 A2 Representative (change)  
Search Report: 890301 A3 Separate publication of the European or International search report  
Examination: 890906 A2 Date of filing of request for examination: 890712  
Examination: 910626 A2 Date of despatch of first examination report: 910510  
Grant: 940427 B1 Granted patent  
Lapse: 950111 B1 Date of lapse of the European patent in a Contracting State: AT 940427  
Oppn None: 950419 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	738
CLAIMS B	(German)	EPBBF1	662
CLAIMS B	(French)	EPBBF1	822
SPEC B	(English)	EPBBF1	4645
Total word count - document A			0
Total word count - document B			6867
Total word count - documents A + B			6867

...SPECIFICATION filed September 25, 1986. The communication system may handle a variety of messages including messages relating to inventory control and load level for the individual **cooking appliance computers**. Additional **messages** such as **commands** to start and terminate the **cooking** appliance computers and the local computer and to turn off any or all power supplies in the store can be issued from the remote computer

00378128 \*\*Image available\*\*

I\*DOLL

POUPEE I\*

Patent Applicant/Assignee:

CREATOR LTD,  
GABAI Oz,  
GABAI Jacob,  
COHEN Moshe,

Inventor(s):

GABAI Oz,  
GABAI Jacob,  
COHEN Moshe,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9718871 A2 19970529

Application: WO 96IL157 19961120 (PCT/WO IL9600157)

Priority Application: US 95561316 19951120

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW  
MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW  
SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: H04B-007/00

International Patent Class: A63H-30:04

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 74661

#### English Abstract

A wireless computer controlled toy system which includes a computer system (100, 105) operative to transmit a first transmission signal via a first wireless transmitter (110), and at least one toy including a first wireless receiver (122, 130), where the toy receives the first transmission via the first wireless receiver and is operative to carry out at least one action based on said first transmission. A method for controlling a wireless toy is disclosed.

#### French Abstract

L'invention se rapporte à un appareil destiné à être utilisé avec un système de jouet commandé par un ordinateur sans fil. Cet appareil comprend un système informatique qui réalise une première transmission via un premier émetteur radio sans fil et au moins un jouet comprenant un premier récepteur sans fil, le jouet recevant la première transmission via le premier récepteur sans fil et réalisant une action sur la base de la première transmission. L'invention se rapporte également à un procédé de commande du système de jouet.

Fulltext Availability:

Detailed Description

Detailed Description

... invention the computer system  
includes a plurality of computers.

Additionally in accordance with a preferred embodiment of the present invention the first transmission includes computer identification data and the second transmission includes computer identification data.

Additionally in accordance with a preferred embodiment of the present invention the at least one...a sound signal which represents a sound

input via the sound input apparatus.

Additionally 4n

in accordance with a preferred embodiment of the present invention the **computer** system is also operative to perform at least one of the following actions: manipulate the sound signal; and play the sound signal.

Additionally in...including a proximity detection subsystem operative to detect proximity between the toy and the computer; Figs. 24A - 24E, taken together, form a detailed electronic schematic diagram of a multi-channel implementation of the **computer** radio interface 110 of Fig. 3 which is similar to the detailed electronic schematic diagrams of Figs. 5A - 5D except for being multi channel, therefore...operative in accordance with a preferred embodiment of the present invention. The system of Fig. 1A comprises a computer 100, which may be any suitable **computer** such as, for example, an IBM-compatible personal computer. The computer 100 is equipped with a screen 105. The computer 100 is preferably equipped with...the state of one or more input devices 140, until a future time when another signal from the radio control interface 110 requests the toy **control device** 130 to transmit a signal comprising the stored data received from the one or more input devices 140; or a request to transmit analog data...

...comprising sound, typically for a specified period of time.

Typically, all signals transmitted in both directions between the computer radio interface 110 and the toy **control device** 130 include information identifying the toy.

Reference is now made to Fig. IC, which is a partly pictorial, partly block diagram illustration of a computer...

...100 may be used. In the implementation of Fig. IC, all signals transmitted in both directions between the computer radio interface 110 and the toy **control device** 130 typically include information identifying the computer.

The operation of the system of Fig. 1A is now

I 9

briefl

described. Typically, the computer 100...animated object 160 are now performed through the toy 122, under control of the computer 100 through the computer radio interface 110 and the toy **control device** 130.

Fig. 2C depicts the situation after the toy 126 has also been brought into range of the computer radio interface 110 of Fig. 1A...

...animated object 165 are now performed through the toy 126, under control of the computer 100 through the computer radio interface 110 and the toy **control device** 130.

In Fig. 2A, the user interacts with the animated objects 160 and 165 on the computer screen, typically using conventional methods. In Fig...response to the received command. In the case of a MIDI command received from the computer 100, executing the command may comprise transmitting the **command** to

the toy control device 130. Executing a MIDI command may also comprise switching audio output of the computer control device 110 between the secondary audio interface 230 and the radio transceiver 260. Normally the secondary audio interface 230 is directly connected to the audio interface 220 preserving the connection between the computer sound board and the peripheral audio devices such as speakers, microphone and stereo system.

Reference is now made to Figs. 9B - 9N, and additionally reference is made back to Figs. 8D - 8M, all of which, taken together, comprise...

19/5,K/48 (Item 39 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00333854

COMPUTER SYSTEM INCLUDING MEANS FOR DECISION SUPPORT SCHEDULING  
SYSTEME INFORMATIQUE DOTE DE MOYENS DE PLANIFICATION D'AIDE A LA DECISION  
Patent Applicant/Assignee:

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BARLOW Christopher,  
Henderson Kenneth R,

Inventor(s):

KOSKI Robert E,  
BARLOW Christopher,  
Henderson Kenneth R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9616365 A2 19960530  
Application: WO 95IB1160 19951114 (PCT/WO IB9501160)  
Priority Application: US 94339520 19941114

Designated States: AU CA JP KR MX US AT BE CH DE DK ES FR GB GR IE IT LU MC  
NL PT SE

Main International Patent Class: G06F-019/00

International Patent Class: G06F-17:60

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 14143

#### English Abstract

A demand driven pull-through computerized decision support scheduling system - The Cube System - employing a CUBEBOOKING Program operating in near real time to load Jobs (a sequence of predefined process) in Cube Cells at a Workspace in Time defined in a selected Cube World in response to demand place on the Cube World by a customer order, which program allocates the best available resources to produce products (Product Resources) composed of materials (Material Resources on a Positive Bill of Materials) having Features (contained in a Negative Bill of Materials). The Cube System operates to keep track of alternate probable process paths by scoring systems and retains resource usage production history patterns as Prime Data to resolve conflicts between capacity-limited resources (Resource Contentions). The CUBEVIEW Program provides three-dimensional representations of Demand and Supply of Resources (displayed on the z axis) at Workspaces (displayed on the y axis) in Time (displayed on the x axis) by a series of Cube Views, and displays Resource contentions, the presence of which requires user intervention to rotate the cube display to examine the z, y axis (Resources, z, on the horizontal axis; Workspaces y, again on the vertical axis, at time = 0, a given Time Cell) for contentions. Using the view the system recommends alternative reallocation of Resources to other Workspaces to eliminate Resource Contentions in the various Cube Cells.

#### French Abstract

Systeme de planification d'aide a la decision informatise, adaptatif et regi par la demande - le systeme "Cube system" - utilisant un programme "CUBEBOOKING" fonctionnant en temps reel presque pour charger des taches (une sequence de traitement predefini) dans des cellules appelees "Cubecells" au niveau d'un espace de travail dans le temps defini dans le "Cubeworld" selectionne en reponse a une demande faite dans ce dernier par une commande client, ledit programme attribuant les meilleures ressources disponibles pour produire des produits (Ressources Produits) constituees de materiel (Ressources Materiels sur une Liste de Materiels Positive) presentant certaines Caracteristiques (contenues dans une Liste de Materiels Negative). Le systeme "Cube System" est conçu pour assurer le suivi d'autres chemins de traitements possibles par des systemes de comptabilisation et conserve les modeles historiques de production et d'utilisation des ressources sous forme de donnees primaires pour resoudre les conflits entre les ressources de capacite limitee (Conflits de Ressources). Le Programme "CUBEVIEW" produit des representations tridimensionnelles de la Demande et de l'Alimentation en Ressources Disponibles (figurant sur l'axe z) au niveau des espaces de travail (figurant sur l'axe y) dans le temps (figurant sur l'axe x) par une serie de "Cube Views", et affiche les conflits de ressources, dont la presence requiert une intervention de l'utilisateur qui se concrétise par la rotation de l'affichage cubique de sorte que les axes z, y puissent etre examinés (Ressources, z, sur l'axe horizontal; espaces de travail, y, également sur l'axe vertical, au moment = 0, une cellule temps donnee) pour les conflits. Le systeme recommande, a l'aide de la vue (view), l'autre attribution possible des ressources a d'autres espaces de travail afin d'éliminer les conflits de ressources dans les diverses cellules "Cube Cells".

Fulltext Availability:

Claims

Claim

... attendant logic processor and coprocessor circuits configured by the software to perform the described functions; various data transfer links (cables, 1 Rp RF, optical and **microwave** transmission means therebetween); data structures including memory therein, containing physical manifestations or transformations (on a molecular or atomic scale) representing data, e.g., as differing...connected thereto and in communication with the LAN 5 by a data transmission medium such as T-base-ten or BNC wiring, 6, or by **microwave**. Other communication methods, including telephone messages, hand written notes, etc. may be used. The LAN 5 is connected to a wide area communication means 65...

...of the cube universe). This wide area communication means may be a T1 9 T2, or T3 system with either a dedicated line or a **microwave** link, or it may be a communication service such as IntemetQD or CompuserveS whereby **orders** (demands) are made via E - mail , or it may be a direct phone modem hookup between the customer or vendor and the Cube System, or a manual order (demand) entry system...may be a single location, it may be as large as several plants, offices, warehouses, and vendors, or as small as a single department or **machine** . While the Customer **Orders** are considered to be exogenous demands, depending on the organization, such can be considered endogenous, i.e., "inside orders," for example, orders from a parent...

19/5,K/50 (Item 41 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00154608

INTERACTIVE PUMP SYSTEM  
SYSTEME A INTERACTION POUR POMPE A CARBURANT

Patent Applicant/Assignee:

HOLLIDGE Peter William,

Inventor(s):

HOLLIDGE Peter William,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8900974 A1 19890209

Application: WO 88GB651 19880805 (PCT/WO GB8800651)

Priority Application: CA 543862 19870806

Designated States: AT AT AU BB BE BG BJ BR CF CG CH CH CM DE DE DK FI FR GA  
GB GB HU IT JP KP KR LK LU LU MC MG ML MR MW NL NL NO RO SD SE SE SN SU  
TD TG US

Main International Patent Class: B67D-005/08

International Patent Class: B67D-05:14

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 96526

English Abstract

An interactive pump system capable of interacting with and responding to responses from a user, having a pump (105), a central processing unit (705) connected to the pump (105), and a display and input unit (1407) including a plurality of instruction displays and being connected to the pump and the central processing unit. The pump transmits transaction data concerning fluid pumped to the display and input unit which displays the transaction data, displays one instruction display, and transfers input responses from a user to the central processing unit. The central processing unit processes the input responses and controls the pump according to the responses.

French Abstract

Système à interaction pour pompe à carburant, capable d'entrer en interaction avec des usagers et de réagir aux réponses de ceux-ci, composé d'une pompe (105), d'une unité centrale (705) reliée à la pompe (105) et d'une unité d'affichage et d'entrée (1407) comportant plusieurs unités d'affichage d'instructions et qui est reliée à la pompe et à l'unité centrale. La pompe transmet les mouvements concernant le carburant pompe à l'unité d'affichage et d'entrée qui affiche ces mouvements, affiche des instructions et transmet à l'unité centrale les réponses d'entrée des usagers. L'unité centrale traite les réponses d'entrée et commande la pompe en fonction de ces réponses.

Fulltext Availability:

Detailed Description

Detailed Description

... the kiosk

computer 703 via the POS task 1311. The application task 1303 is then logged sale complete in the log file.

COMMAND FILES

The **command** files which set the **device** terminals for communication between the hardware 101 and the software are appended to this description as schedule B. The command files determine the parameters for...ticks)R

appl/device.h

```
#define NDAVES 2
```

```
typedef struct C
```

```
unsigned video.port;
```

```
unsigned touch.port;
```

```
unsigned pump
```

```
port;
```

```
unsigned bulloch-port;
```

```
I dave
```

```
device ;
```

```
dave-device devices I NDAVES 3
```

```
C 2 2 I 2:i 3 1 'en 4 1 2 8
```

```
C 25, 26, 274 29 1...break;
```

```
if ( T->centS.pUmped != 0 /* user pays at kiosk
```

```
show-screen( dave,
```

```
display,pump number( dave, T--I.pump id.pumped
```

Set	Items	Description
S1	29317	(E OR ELECTRONIC OR COMPUTER? OR INTERNET OR ONLINE OR ON(- )LINE) (1W) (MAIL??? OR MESSAG???) OR EMAIL??? OR INSTANT() (MES- SAG??? OR MESSENGER? ?)
S2	231203	APPLIANCE? ? OR VCR? ? OR RECORDER? ? OR THERMOSTAT? ? OR - FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROWAVE? ? OR - OVEN? ? OR TV OR TELEVISION? ?
S3	40580	S2(5N) (CONTROL? OR MANAG? OR MANIPULAT? OR DIRECT? OR RUN?- ??? OR OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVAT? OR INVOK?)
S4	1324157	DEVICE? ? OR MACHINE?? OR HARDWARE OR APPARATUS?? OR EQUIP- MENT OR MECHANISM? ?
S5	524624	S4(5N) (CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DI- RECT? OR RUN???? OR (TURN??? OR SWITCH???) (3W) (ON OR OFF) OR - OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVA- T? OR INVOK?)
S6	3981	S1(10N) (INSTRUCTION? ? OR COMMAND? ? OR ORDER? ? OR ATTACH- MENT? ? OR ACTIVEX OR ACTIVE()X)
S7	513	S1(S)S3
S8	64	S1(S)S3(S)S6
S9	137	S3(10N)S1
S10	111	S9 NOT S8
S11	11	S10/TI,AB,CM
S12	100	S10 NOT S11
S13	41	S12 AND IC=G06F
S14	59	S12 NOT S13
S15	3768	S5(S)S1
S16	518	S5(S)S1(S)S6
S17	1237	S5(10N)S1
S18	299	S17(S)S6
S19	50	S5(S)S1(S)S6(S)S2
S20	290	S17/TI,AB,CM
S21	80	S18/TI,AB,CM
S22	73	S21 NOT (S8 OR S11 OR S14 OR S19)

File 275:Gale Group Computer DB(TM) 1983-2003/Sep 22  
     (c) 2003 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/Sep 23  
     (c) 2003 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Sep 22  
     (c) 2003 The Gale Group  
 File 16:Gale Group PROMT(R) 1990-2003/Sep 22  
     (c) 2003 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
     (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2003/Sep 23  
     (c) 2003 The Gale Group  
 File 624:McGraw-Hill Publications 1985-2003/Sep 22  
     (c) 2003 McGraw-Hill Co. Inc  
 File 15:ABI/Inform(R) 1971-2003/Sep 23  
     (c) 2003 ProQuest Info&Learning  
 File 647:CMF Computer Fulltext 1988-2003/Aug W5  
     (c) 2003 CMF Media, LLC  
 File 674:Computer News Fulltext 1989-2003/Sep W2  
     (c) 2003 IDG Communications  
 File 696:DIALOG Telecom. Newsletters 1995-2003/Sep 22  
     (c) 2003 The Dialog Corp.  
 File 369:New Scientist 1994-2003/Sep W2  
     (c) 2003 Reed Business Information Ltd.  
 File 810:Business Wire 1986-1999/Feb 28  
     (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
     (c) 1999 PR Newswire Association Inc

Set	Items	Description
S1	1981876	(E OR ELECTRONIC OR COMPUTER? OR INTERNET OR ONLINE OR ON(-) ) LINE) (1W) (MAIL??? OR MESSAG???) OR EMAIL??? OR INSTANT() (MES- SAG??? OR MESSENGER? ?)
S2	3322224	APPLIANCE? ? OR VCR? ? OR RECORDER? ? OR THERMOSTAT? ? OR - FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROWAVE? ? OR - OVEN? ? OR TV OR TELEVISION? ?
S3	573975	S2(5N) (CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DI- RECT? OR RUN???? OR (TURN??? OR SWITCH???) (3W) (ON OR OFF) OR - OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVA- T? OR INVOK?)
S4	9632218	DEVICE? ? OR MACHINE?? OR HARDWARE OR APPARATUS?? OR EQUIP- MENT OR MECHANISM? ?
S5	1383504	S4(5N) (CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DI- RECT? OR RUN???? OR (TURN??? OR SWITCH???) (3W) (ON OR OFF) OR - OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVA- T? OR INVOK?)
S6	70448	S1(10N) (INSTRUCTION? ? OR COMMAND? ? OR ORDER? ? OR ATTACH- MENT? ? OR ACTIVEX OR ACTIVE()X)
S7	378	S3(S)S6
S8	77	S7 NOT PY=1998:2003
S9	53	RD (unique items)
S10	1328	S5(S)S6
S11	84	S5(S)S6(S)S2
S12	47	RD (unique items)
S13	11	S12 NOT (PY=1998:2003 OR S9)
S14	3127	S3(5N)S1
S15	470389	S2(5N) (CONTROL? OR MANAG? OR MANIPULAT? OR DIRECT? OR RUN?- ??? OR OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVAT? OR INVOK?)
S16	1350	S15(5N)S1
S17	97251	REMOT?()CONTROL?
S18	135	S14(S)S17
S19	70	RD (unique items)
S20	26	S19 NOT PY=1998:2003
S21	86477	(APPLIANCE? ? OR VCR? ? OR VIDEO(1W)RECORDER? ? OR THERMOS- TAT? ? OR FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROW- AVE? ? OR OVEN? ?) (5N) (CONTROL? OR DIRECT? OR RUN???? OR OPER- AT??? OR INSTRUCT???? OR COMMAND???)

S22 1315 S1(S)S21  
S23 367 S1(10N)S21  
S24 99 S23 NOT PY=1998:2003  
S25 59 RD (unique items)  
S26 51 S25 NOT (S9 OR S13 OR S20)

9/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02092826 SUPPLIER NUMBER: 19684651 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Briefs.... (News Briefs)**  
Multimedia Entertainment & Technology Report, p6(1)  
July 25, 1997  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 497 LINE COUNT: 00043

TEXT:

...teaming to bring directories and other information services to Saturn NetLink users. Under the partnership, InfoSpace will provide access to its online yel- low pages, e - mail and classified advertising through NetLink, an attachment to the Saturn videogame console that enables Web access through the television . Access to the directories , located at www.infospace.com and www.sega.com, will be free.

9/3,K/2 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02031243 SUPPLIER NUMBER: 19090756 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**WebTV Offers Enhanced Service To San Francisco Area Hotels.**  
Newsbytes, pNEW02040076  
Feb 4, 1997  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 398 LINE COUNT: 00035

... service. Using a simple set-top box which connects to any standard television, customers can install the device and access the World Wide Web and electronic - mail in a matter of minutes. An agreement with On Command opens a possible nine hundred thousand hotel rooms currently receiving On Command content to WebTV's new service. The first stage of the alliance calls...

...spokesperson for the company, told Newsbytes, "This is great news for business travelers. Instead of worrying about telephone connections to a notebook, they can go directly to a television to receive and send critical business communications." Specific costs related to the service were not provided. (19970204/Press Contact: Lee Helper, Bender, Goldman & Helper, 310...).

9/3,K/3 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02013406 SUPPLIER NUMBER: 18943450 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Prime-time Internet. (Philips/Magnavox WebTV) (Hardware Review) (Evaluation)**  
Schwerin, Rich  
PC/Computing, v10, n1, p105(1)  
Jan, 1997  
DOCUMENT TYPE: Evaluation ISSN: 0899-1847 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 668 LINE COUNT: 00053

ABSTRACT: Philips/Magnavox's WebTV is a set-top box that gives home users access to the Internet on a television screen using a simple remote control . The \$329 device connects to the audio and video ports on a TV or VCR and to a telephone line. Access costs \$19.95 per... .

...navigation fast and flicker-free; the parallel WebTV network mirrors most Web content but does not support frames, Java, VRML, plug-ins, sound files or ActiveX . Those using WebTV for E - mail will want the optional \$70 infrared keyboard. Future versions will support more Web file types,

and there is a Smart Card slot that is currently...

**9/3,K/4 (Item 4 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01592238 SUPPLIER NUMBER: 13742735 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**On Command at Hilton Hotels. (Briefs) (Brief Article)**  
Digital Media, v2, n10-11, p36(1)  
March 29, 1993  
ISSN: 1056-7038 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 443 LINE COUNT: 00035

... to transmit video and other services on demand.

The analog system works much like a telephone in which a "caller" is connected to video. Via **television remote control**, viewers may select a desired service from their tv screen. A request signal is transmitted along coaxial cable to an **On Command** site where a **vcr** or laserdisc is activated to begin playing the video. Guest check-out and **electronic messaging** services are similarly interactive.

**On Command** relies on a bandwidth switch and sophisticated tracking software technology to transmit video and other services.

Since coaxial cable is already installed in most U...

**9/3,K/5 (Item 5 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01581197 SUPPLIER NUMBER: 13293492 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**What the new Bells could mean to you. (News Analysis)**  
Ubois, Jeff  
MacWEEK, v7, n1, p54(2)  
Jan 4, 1993  
ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1643 LINE COUNT: 00132

...ABSTRACT: ruling allowing the regional Bell operating companies (RBOCs) to sell information services could lead to a new generation of computer communications and home entertainment services. **Electronic mail** could include sound recordings and video clips, while customers could **order** pay-per-view **television** movies and pay bills electronically on the same network. The Bell companies will play a crucial role in the growing 'information economy' if they can...

**9/3,K/6 (Item 1 from file: 621)**  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2003 The Gale Group. All rts. reserv.

01535849 Supplier Number: 47398304 (USE FORMAT 7 FOR FULLTEXT)  
**LSI Logic Shrinks Electronic Brains of a Digital Camera Onto a Single Chip**  
PR Newswire, p0519SFM037  
May 19, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1018

... points."

Digital cameras enable consumers to have much more control and flexibility over the final pictures. The images can be downloaded onto a computer or **television** for viewing, or even **manipulated** using imaging software. As today's technology becomes more focused towards the rapidly expanding world of Internet publishing, consumers can post their computer-stored images on a Web page, or send pictures via **e-mail attachments** -- all without the need for a scanner device. Businesses, such as real-estate and home shopping, can cost-effectively update images on the

Internet, helping...

**9/3,K/7 (Item 2 from file: 621)**  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2003 The Gale Group. All rts. reserv.

01487943 Supplier Number: 47117192 (USE FORMAT 7 FOR FULLTEXT)

Symantec Announces pcANYWHERE(TM) CE for Handheld PCs

PR Newswire, p210SFM027

Feb 10, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1592

... the remote Windows CE PC and their desktop PC back at the office. "Most of us are familiar with the operations and benefits of the TV remote control , the garage door opener, pagers, and the cellular phone," said Christopher Calisi, Vice President of the Remote Productivity Solutions Business Unit at Symantec. "pcANYWHERE CE is the first handheld PC remote control software. For a mobile professional who wants to quickly send e - mail with attachments , check out any web site at full network speed while on the road, or an IS professional who needs to fix an NT server across..."

**9/3,K/8 (Item 3 from file: 621)**  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2003 The Gale Group. All rts. reserv.

01329017 Supplier Number: 46007369 (USE FORMAT 7 FOR FULLTEXT)

REUTERS LAUNCHES KOBRA, A NEW WORKSTATION

PR Newswire, p1214NYTH040

Dec 14, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 437

... sources on a Reuters Triarch 2000 information management system using the Reuters Source/Sink Library (SSL) interface. It can also access historical data, Reuters Financial Television (RFTV), order routing, the ReuterMail electronic mail service and risk management information.

Initially, it is available on Solaris SUN and Microsoft Windows NT platforms, and will be extended shortly to a full...

**9/3,K/9 (Item 1 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03753998 Supplier Number: 48120434 (USE FORMAT 7 FOR FULLTEXT)

CAP GEMINI: Mail order retailers can extract clear benefits right now from electronic channels

M2 Presswire, pN/A

Nov 13, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 702

RDATE:111197

Rather than waiting for the much-debated explosion in Internet-connected households before they commit to electronic shopping, mail order retailers can use the cornerstones of electronic commerce to improve their existing businesses by heightening their understanding of their customers. Once a customer-focussed infrastructure is in place, achieved through creative use of Internet technologies, retailers are well positioned to bolt on new channels, like the Internet or interactive TV , as each becomes viable to reach their customers.

Speaking at the ninth European Catalogue and Mail Order Days conference at the Novotel in London today...

**9/3,K/10 (Item 2 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03648837 Supplier Number: 47858272 (USE FORMAT 7 FOR FULLTEXT)  
**Briefs... Sega of America**  
Multimedia Entertainment & Technology Report, v6, n27, pN/A  
July 25, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 77

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

...are teaming to bring directories and other information services to Saturn NetLink users. Under the partnership, InfoSpace will provide access to its online yellow pages, e-mail and classified advertising through NetLink, an attachment to the Saturn videogame console that enables Web access through the television. Access to the directories, located at www.infospace.com and www.sega.com, will be free.

**9/3,K/11 (Item 3 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03592920 Supplier Number: 47437904 (USE FORMAT 7 FOR FULLTEXT)  
**LSI Logic Builds Camera Chip**  
Semiconductor Industry & Business Survey, v19, n6, pN/A  
June 2, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 190

Digital images can be downloaded onto a computer or television for viewing, or even manipulated using imaging software. As today's technology becomes more focused towards the rapidly expanding world of Internet publishing, consumers can post their computer-stored images on a Web page, or send pictures via e-mail attachments - all without the need for a scanner device. Businesses, such as real-estate and home shopping, can cost-effectively update images on the Internet, helping...

**9/3,K/12 (Item 4 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03449386 Supplier Number: 47107078 (USE FORMAT 7 FOR FULLTEXT)  
**WebTV, ON COMMAND TEAM ON CUSTOMIZED HOTEL INTERNET SERVICE**  
Information & Interactive Services Report, v18, n5, pN/A  
Feb 7, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 712

... customized service will incorporate the standard WebTV Internet access plus specific services for hotel guests, including local directories and city guides, as well as various e-mail capabilities. On Command has an existing relationship with Bell Atlantic Electronic Publishing Inc., which provides the television-based InfoTravel interactive Yellow Pages and directories to selected hotels in the Washington, D.C., and Chicago areas (IISR, June 14, 1996, p. 4). "This agreement has no...

9/3,K/13 (Item 5 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03447587 Supplier Number: 47102724 (USE FORMAT 7 FOR FULLTEXT)

**4. WEBTV, ON COMMAND PLAN HOTEL ACCESS**

Interactive Daily, pN/A

Feb 5, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 119

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

...s settop in select San Francisco hotels next month. Hotel guests may use the settop to browse the Internet, enter chat rooms and get/receive email through the room's television set. On Command will charge an undetermined amount during the test phase. Once installed the service will be a pay-per-use system. Settops will be available to...

9/3,K/14 (Item 6 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03447088 Supplier Number: 47101359 (USE FORMAT 7 FOR FULLTEXT)

**WebTV Offers Enhanced Service To San Francisco Area Hotels 02/04/97**

Newsbytes, pN/A

Feb 4, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 364

... service. Using a simple set-top box which connects to any standard television, customers can install the device and access the World Wide Web and electronic - mail in a matter of minutes. An agreement with On Command opens a possible nine hundred thousand hotel rooms currently receiving On Command content to WebTV's new service. The first stage of the alliance calls...

...spokesperson for the company, told Newsbytes, "This is great news for business travelers. Instead of worrying about telephone connections to a notebook, they can go directly to a television to receive and send critical business communications." Specific costs related to the service were not provided. (19970204/Press Contact: Lee Helper, Bender, Goldman & Helper, 310...

9/3,K/15 (Item 7 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03385451 Supplier Number: 46964936 (USE FORMAT 7 FOR FULLTEXT)

**Newsbytes Daily Summary 12/11/96**

Newsbytes, pN/A

Dec 11, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 2587

... Jim Mallory. In what could be the wave of the future, a Colorado Internet service provider (ISP) and a local TV station are offering free e-mail service.

4) Time Warner Places 1mil Unit Set-Top Box Order -- REPEAT/By Bob Woods. Time Warner's [NYSE:TWX] cable television subsidiary said Scientific- Atlanta [NYSE:SFA] is the big winner in a digital set-top cable TV box order and digital network program that carries a \$400 million price tag. Other companies taking parts of the contract include General

Instrument [NYSE:GIC], Pioneer Electric...

9/3,K/16 (Item 8 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03283020 Supplier Number: 46740943 (USE FORMAT 7 FOR FULLTEXT)  
**TIME COMPUTER SYSTEMS LIMITED:** Time Computers and Powerhouse announce new  
retail initiative  
M2 Presswire, pN/A  
Sept 26, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 664

RDATE:260996  
Time Computer Systems Limited, the UK's largest computer , mail  
order company has today announced it is to enter retailing through a joint  
operation in association with local home appliance specialist,  
Powerhouse.

Time is to establish specially designed in-store showrooms initially  
within 21 Powerhouse Superstores throughout the Midlands, southern and  
eastern parts of England...

9/3,K/17 (Item 9 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02885759 Supplier Number: 45859827 (USE FORMAT 7 FOR FULLTEXT)  
**COURT TV TO LAUNCH WEB SITE**  
Media Daily, v3, n199, pN/A  
Oct 16, 1995  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 111

... e-mail address, Court TV will check "with the appropriate state  
authorities" to see if there is any record of disciplinary action taken and  
then e -mail its findings.

Web visitors can also order items from the Court TV store.  
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9/3,K/18 (Item 10 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02809952 Supplier Number: 45700575 (USE FORMAT 7 FOR FULLTEXT)  
**Microsoft Refines Broadband Plans**  
Interactive Home, n60, pN/A  
August, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1265

... and what the program is, even during commercials.

Hybrid Solutions A hybrid broadcast and online service model might  
combine a chat service with a standard television program, running the  
text along the bottom of the screen or display a clickable icon that  
launches a Web site with more information about a product during an  
infomercial. The hybrid system also enables online commerce by giving users  
the ability to send an e - mail order form to a merchant from the  
television, or "play along" services such as quiz shows where your score is  
displayed at the end of the...

9/3,K/19 (Item 11 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01183618 Supplier Number: 41073814 (USE FORMAT 7 FOR FULLTEXT)  
**HYPE ALERT: There's no more leisure.**  
Research Alert, v0, n0, pN/A  
Dec 22, 1989  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 154

... do have enough time, they want more. Smart advertisers will continue to position products for a stressful lifestyle. Smart marketers will explore convenience shopping--personal computer services, mail-order catalogs, television shopping shows and even via fax machines. Smart product planners will provide convenience.

9/3,K/20 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

05357453 Supplier Number: 48148567 (USE FORMAT 7 FOR FULLTEXT)  
**Rooms With a Digital View**  
Lodging Hospitality, p85  
Dec, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 588

... period.  
To connect to the Internet, guests press a button on a remote control device to launch On Command's WebTV Network service through the TV . Guests may use On Command 's infrared wireless keyboard to surf the Web, use e - mail and browse the HiltonWeb site.

A high-speed phone line carries data up to 50 times faster than most laptop computers with 28,800 bps...

9/3,K/21 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05120925 Supplier Number: 47818657 (USE FORMAT 7 FOR FULLTEXT)  
**POWER MOVE**  
Muirhead, Greg  
Drug Topics, p70  
July 7, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 3749

(USE FORMAT 7 FOR FULLTEXT)  
**TEXT:**  
Mail-order pharmacy just won't go away. If people can order clothes, appliances , and even expensive computers by mail , why should anyone be surprised that more and more consumers are ordering prescription medications by mail?

9/3,K/22 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05044383 Supplier Number: 47404952 (USE FORMAT 7 FOR FULLTEXT)  
**India switches on interactive TV**  
O'Neill, Peter

Electronics Times, p24

May 22, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1175

... is keeping the hows and whys of that a secret for the moment.

The service offers the usual teletext-type services, plus a facility to order through the TV for tickets, e-mail, and automated TV programme recording either on your own or a remote VCR, in this case that of the cable operator.

Tambe said: 'We are...

**9/3,K/23 (Item 4 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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04999584 Supplier Number: 47342370 (USE FORMAT 7 FOR FULLTEXT)

**Compensation Responds To Market Shifts**

Bruno, Carl; Hill, Shelley L.

Shopping Center World, p150

May, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1332

... has outpaced demand. Across all sectors, disposable income is dwarfed by the number of stores in which consumers can spend their money. 'Alternative' shopping choices - e.g., mail order catalogs, television and Internet shopping - only add to the competition.

Following a dismal performance during the 1995 holiday season, the retail industry seemed to recover some strength...

**9/3,K/24 (Item 5 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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04893117 Supplier Number: 47196615 (USE FORMAT 7 FOR FULLTEXT)

**Marriage of convenience, part 1**

InfoWorld, p72

March 10, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 3095

... in a future version but not in the imminent CallXpressNT.

Once retrieved from the CallXpress3 server, voice mail in the Exchange inbox is simply an e-mail with a .WAV file attachment. When you double-click the e-mail, a small VCR-like control panel (an applet in CallXpress3's client tool, Desktop Message Manager) opens to play the file. You can play messages through a PC's sound...

**9/3,K/25 (Item 6 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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04865818 Supplier Number: 47156473

**Executive at the controls of how appliances work.**

Coleman, Teresa Lemons

Richmond Times-Dispatch (VA), pC1

Feb 25, 1997

Language: English Record Type: Abstract

Document Type: Newspaper; Trade

ABSTRACT:

Siebe Appliance Controls , a manufacturer of electromechanical and electric control panels for appliances , has continued to grow under the leadership of its president Bruce A. Henderson. Henderson has implemented various changes designed to make the production of the company more effective. This changes includes producing only what it has orders for, empowering employees and the use of e - mail and videoconferencing in monitoring operations of the firm's 17 facilities in 10 countries.

Henderson has a plan that will increase the firm's revenue to \$1 billion over the next five years. Among the clients of Siebe Appliance Controls are Amana, General Electric and Frigidaire/Electrolux. Henderson's strategy of producing only what the market wants helps other division in developing the proper product...

9/3,K/26 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04323727 Supplier Number: 46338132 (USE FORMAT 7 FOR FULLTEXT)

**Speech becomes a software add-on**

Electronic Engineering Times, p58

April 29, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2207

... striving for speech-to-text capability-a sort of dictation machine-as well as text-to-speech, which would enable callers to obtain voice mail, e - mail and fax messages remotely via the telephone. And there are command -and- control applications for consumer appliances and industrial equipment.

Varying accuracy

The capabilities of today's speech-recognition systems range from responding to discrete spoken words or numbers to continuous speech...

9/3,K/27 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03796032 Supplier Number: 45408048

**EMAIL IN TROUBLE AS WHITEGOOD SALES TRAIL**

Australian Financial Review, p 1

March 17, 1995

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

**ABSTRACT:**

Email Ltd is forced to take drastic action in order to curb expected profit declines in 1994-95. The general managers of Email's major appliances group(MAG) received an internal memorandum requesting them to curb all discretionary expenditures in an attempt to improve its financial position. The largest producer of...

9/3,K/28 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03199898 Supplier Number: 44383288

**On information highway, Hearst heads due north**  
Chicago Tribune (IL) (National Edition), p3;1

Jan 25, 1994

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

**ABSTRACT:**

Hearst has joined a consortium of five major Canadian companies to develop

'the first interactive and transactional two-way television network.' The network, to be called 'Universality, Bidirectionality Interactivity,' or UBI, will be on line in 1.4 mil homes in metropolitan Quebec City and...

...pay-per-view movies and events and a version of the phone directory, as well as home banking, catalog shopping, grocery shopping, take-out food orders, electronic mail, home college classes and even a chance to play the Quebec lottery. ...

9/3,K/29 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

02999935 Supplier Number: 44070561 (USE FORMAT 7 FOR FULLTEXT)

Recession dulls airline entertainment cheer  
Interavia Aerospace World, p36

Sept, 1993  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2260

... the passenger can access such services as live audio news and entertainment, facsimiles, incoming messages and paging, portable computer data transmissions, aircraft position tracking and electronic mail-order catalogue shopping. Live television broadcasts may be available in the not-too-distant future as well.

For air-to-ground telephone calls over the continental United States, FlightLink signals...

9/3,K/30 (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02766800 Supplier Number: 43709614 (USE FORMAT 7 FOR FULLTEXT)

This Old Computer  
Advertising Age, v0, n0, p29  
March 15, 1993  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count: 79

(USE FORMAT 7 FOR FULLTEXT)

TEXT:  
This Old Computer. PC Connection, a Marlow, N.H.-based computer equipment mail-order company, has launched two syndicated TV shows, 'MacTV' and 'PC TV.' The shows offer product demonstrations and reviews, as well as industry and consumer news. The half-hour 'PC TV' can...

9/3,K/31 (Item 12 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02599991 Supplier Number: 43454352 (USE FORMAT 7 FOR FULLTEXT)

Home Shopping Network Records Sales Increase  
Discount Store News, v0, n0, p17  
Nov 16, 1992  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 91

(USE FORMAT 7 FOR FULLTEXT)

TEXT:  
...earnings of \$37.3 million compared to an \$8.9 million loss from \$1,078.5 million in sales in the prior fiscal year. The electronic and mail order retailer has spun off Precision Systems, a voice and data processing

business, to its shareholders and plans to spin off Silver King Communications, which operates 12 UHF TV stations that air its program to stockholders.

9/3,K/32 (Item 13 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01804856 Supplier Number: 42274484 (USE FORMAT 7 FOR FULLTEXT)

**Video Alliance has new investor**

Video Week, pN/A

August 5, 1991

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 126

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...recognition comparable with True Value in hardware business, company will be pursuing acquisitions of companies, Friedman said: "We're looking at everything." It recently announced electronic mail-order catalog of consumer electronics, small appliances, watches, pens and other items that allow retailers to special-order merchandise for delivery within 1-3 days. Video Alliance is forming 10-15 member...

9/3,K/33 (Item 14 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01391350 Supplier Number: 41656281 (USE FORMAT 7 FOR FULLTEXT)

**ComputerLand banks on high television rating with customers**

Computer Reseller News, p187

Nov 5, 1990

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 350

... latest attempt by resellers to increase their influence with customers.

Several reseller organizations have already, or are about to, install terminals at customer sites for order entry and order tracking; customers with on-site terminals or E-mail connections to resellers can avoid waiting on the phone while a salesperson checks the availability of a part, for example. ComputerLand has connected clients to its E-mail system, enabling users to track orders.

But television is yet another a step, and buying satellite dishes for customers could get expensive. Still, the reseller is up for the challenge.

"Time and again...

9/3,K/34 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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01574111

**Home Shopping says deal with C O M B is off.**

ST PETERSBURG TIMES (FL) February 19, 1987 p. A;251

... in a stock swap. Negotiations for the acquisition bogged down over unresolvable differences between the companies. COMB is a joint venture partner with 17 cable television operators in the Cable Value Network, a program similar to Home Shopping's. Some of the partners in this Cable Value Network joint venture, of which...

... liquidation and close-out merchandise, would have bolstered Home

Shopping Network's weaker ability to get merchandise for its program. Home Shopping has a sophisticated computer , mail - order and delivery system, so industry analysts praised the acquisition when it was first announced.

...

9/3,K/35 (Item 2 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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00699023

A 'Catalog Cable Co-Op' was tested over Satellite Program Network (SPN) and Entertainment Sports Program Network (ESPN) to learn whether catalog offers could move cable subscribers to action.

Magazine of Direct Marketing October, 1981 p. 40,411

PRODUCT NAME: Advertising Management - Electronic Media; Mail Order Houses; TV Advertising, CATV

9/3,K/36 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

10171796 SUPPLIER NUMBER: 20387510 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Rooms with a digital view. (San Jose, California hotels with interactive computer systems)

Wolff, Carlo

Lodging Hospitality, v53, n12, p85(1)

Dec, 1997

ISSN: 0148-0766 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 741 LINE COUNT: 00059

... period.

To connect to the Internet, guests press a button on a remote control device to launch On Command's WebTV Network service through the TV . Guests may use On Command 's infrared wireless keyboard to surf the Web, use e - mail and browse the HiltonWeb site.

A high-speed phone line carries data up to 50 times faster than most laptop computers with 28,800 bps...

9/3,K/37 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09917179 SUPPLIER NUMBER: 19934905 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Five trends that will change marketing forever.

Galenskas, Stephanie Mariel

Direct Marketing, v60, n4, p26(2)

August, 1997

ISSN: 0012-3188 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 952 LINE COUNT: 00078

... own outlet stores. Examples of retailers who have done this are Off Fifth (Saks Fifth Avenue), Gap, Barney's and Nordstrom Rack.

Electronic retailing or electronic mail order is seen by Newell as another distribution channel that will impact the marketing scene well beyond the year 2000. It has been predicted that home...

...that now through 1998, Internet shopping will grow from \$366 million to \$3.7 billion, home shopping from \$2.5 to \$5.4 billion and interactive television shopping from \$33.7 million to \$4.2 billion.

All of these changing channels of distribution make customer retention and maximizing sales from existing customers...

9/3,K/38 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09456991 SUPPLIER NUMBER: 19364457 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Internet the hot topic at Chicago Direct Marketing days '97.  
Direct Marketing, v59, n11, p6(2)  
March, 1997  
ISSN: 0012-3188 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 761 LINE COUNT: 00063

... means of selling that is so effective that many companies don't need today's direct marketing agencies to make it work."

This reporter said: Internet "mail order" sales will equal today's catalog sales (some \$200 billion) by the year 2000 as television sets and personal computers become one, providing consumers with the ability to switch to the Internet while watching TV; direct mail will lose share of media market; unsolicited advertising will be blocked as AOL is now doing in cyberspace. Will the Postal Service follow suit...

9/3,K/39 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09334055 SUPPLIER NUMBER: 19184833 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
The Internet's expanding role in building customer loyalty.  
Griffin, Jill  
Direct Marketing, v59, n7, p50(4)  
Nov, 1996  
ISSN: 0012-3188 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3548 LINE COUNT: 00280

... that have contributed to their success in building customer loyalty. They leverage brand marketing by tagging their online capability in all of their promotions including direct mail, television ads, print media, etc. They maximize their use of e-mail for order confirmation and customer communication. This has been key, Iucolano reports, because customers really appreciate the fact that 'Someone actually got this order and responded to...'

9/3,K/40 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09332306 SUPPLIER NUMBER: 19161280 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
The electronic classroom. (colleges and universities that offer classes or degree programs online)  
Velsmid, Debra A.  
Link-Up, v14, n1, p32(2)  
Jan-Feb, 1997  
ISSN: 0739-988X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1612 LINE COUNT: 00144

... the Web.  
Just starting out  
Vermont Technical College (<http://www.vte.vsc.edu/>) in Randolph Center, Vermont, has used distance learning through courses taught via interactive television, but its Technical Communication course for the spring 1997 semester is its first online course. This writing course is designed to use e-mail for instruction, and students do research on the Internet to complete their course work.

Similarly, after piloting the online course Academic Research Libraries, the University at Buffalo...

9/3,K/41 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

09209377 SUPPLIER NUMBER: 18986114 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Yellow section. (alphabetical listing of suppliers) (1997 Who Makes It) (Buyers Guide)**  
Home Improvement Market, v233, n12, p149(46)  
Dec, 1996  
DOCUMENT TYPE: Buyers Guide ISSN: 0162-5896 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 130799 LINE COUNT: 09524

... 518 370-5464, 800 836-4680, Fax: 518 393-5464, Contact: William Venezio, Drop Ship: Yes, Co-ops Sold Through: Ace, Cotter, HWI, Servistar King Refrigerator Corp. 76 02 Woodhaven Blvd, Glendale, NY 11385, 718 897-2200, Fax: 718 830-9440. Contact: Sales Dept, Min. Order Req.: \$400.00, Drop Ship: Yes, Co-ops Sold Through: Ace, Cotter, HWI, Servistar King Safety Products, 3801 Lloyd King Dr, St Charles, MO 63304...

**9/3,K/42 (Item 7 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08982740 SUPPLIER NUMBER: 18660821 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Virtual taxation: electronic commerce poses problems for state tax collections. (includes related article on cybercash) (Electronic Communication and Networks)**  
Sharp, John  
Government Finance Review, v12, n4, p36(3)  
August, 1996  
ISSN: 0883-7856 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2337 LINE COUNT: 00185

...ABSTRACT: the collection of sales and use taxes on good and services sold through the Internet. The absence of corrective legislation for interstate sales through the Internet, mail order and television will make the collection of sales and use taxes inequitable. Local retailers with a physical presence face a competitive disadvantage. Payment systems need to be...

... tax, which in Texas' case brings in more than half of the state's total tax revenue. With rapid growth in interstate sales through the Internet, mail order, and television, the collection of sales and use taxes will become increasingly inequitable and unenforceable in the absence of corrective legislation, according to the National Conference of...

**9/3,K/43 (Item 8 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08633457 SUPPLIER NUMBER: 18238337 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Speech becomes a software add-on. (Emerging Markets: Annual Report)**  
(Technology Information)  
Weber, Sam  
Electronic Engineering Times, n899, p58(3)  
April 29, 1996  
ISSN: 0192-1541 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2850 LINE COUNT: 00231

... striving for speech-to-text capability-a sort of dictation machine-as well as text-to-speech, which would enable callers to obtain voice mail, e-mail and fax messages remotely via the telephone. And there are command-and-control applications for consumer appliances and industrial equipment.

Varying accuracy  
The capabilities of today's speech-recognition systems range from responding to discrete spoken words or numbers to continuous speech...

9/3,K/44 (Item 9 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07468706 SUPPLIER NUMBER: 15542678 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
The case for E-mail. (sales management) (includes related article)  
Trumfio, Ginger  
Sales & Marketing Management, v146, n7, p94(4)  
July, 1994  
ISSN: 0163-7517 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1662 LINE COUNT: 00149

... the accuracy of the information exchanged. The clients of Donovan Data Systems advertising agencies and media rep firms--use its data processing system to transmit orders to their customers-- TV and radio stations. "Many times we found discrepancies when checking phone orders," says Kari Hawkins, vice president of the New York company. "When clients use e - mail to place orders , there are no discrepancies, because orders are written clearly and concisely on standardized forms attached to the e-mail messages."

\* Improves productivity. The immediacy of e-mail boosts productivity. For example...

9/3,K/45 (Item 10 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

06486407 SUPPLIER NUMBER: 13910428 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Hyatt President Hartley-Leonard turns gloomy on industry outlook. (Hyatt  
Hotels; Darryl Hartley-Leonard)  
Dorsey, Jennifer  
Travel Weekly, v52, n45, p1(2)  
June 10, 1993  
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 698 LINE COUNT: 00055

... at lobby kiosks that would issue a key when a guest swipes a credit card through.

New in-room services on the horizon include voice- activated alarm clocks and television sets and the ability to order room service and retrieve electronic mail from a television screen.

And in about two years hotels will be able to combine caller identification systems with guest histories so "we know who..."

9/3,K/46 (Item 1 from file: 624)  
DIALOG(R)File 624:McGraw-Hill Publications  
(c) 2003 McGraw-Hill Co. Inc. All rts. reserv.

00850668  
777s to Spark Upgrades For Malaysian Airlines: 16-hr. delivery flight  
brings first of 15 Boeing 777sto flag carrier; aircraft introduces  
special business centers  
Aviation Week & Space Technology May 12, 1997; Pg 32; Vol. 146, No. 20  
Journal Code: AW ISSN: 0005-2175  
Section Heading: AIR TRANSPORT  
Dateline: KUALA LUMPUR  
Word Count: 824 \*Full text available in Formats 5, 7 and 9\*

BYLINE:  
GEOFFREY THOMAS

TEXT:  
...Seats are equipped with individual telephones.  
Starting in October, the personal interactive systems will be able to send faxes of up to 200 words and order flowers. By 1999, the airline

expects to introduce e - mail , Internet and direct broadcast television services.

Although the 777s are introducing some of the latest concepts in in-flight entertainment, MAS officials say they remain cautious about such features as...

**9/3,K/47 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

01383379 00-34366

**Exchange/RightFax/CallXpress3 solution**

Brookshaw, Chip

InfoWorld v19n10 PP: 76 Mar 10, 1997

ISSN: 0199-6649 JRNLD CODE: IFW

WORD COUNT: 880

...TEXT: in a future version but not in the imminent CallXpressNT.

Once retrieved from the CallXpress3 server, voice mail in the Exchange inbox is simply an e - mail with a .WAV file attachment . When you double-click the e - mail , a small VCR -like control panel (an applet in CallXpress3's client tool, Desktop Message Manager) opens to play the file. You can play messages through a PC's sound...

**9/3,K/48 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

01135075 97-84469

**Editorial**

Hoke, Henry R Jr

Direct Marketing v58n8 PP: 80 Dec 1995

ISSN: 0012-3188 JRNLD CODE: DIM

WORD COUNT: 934

...TEXT: Flow Chart: How 14 million businesses in the United States during 1994 generated some \$14.8 trillion in sales. We talked about media--newspapers, magazines, TV , and direct mail, about the dollars spent in each for direct response advertising. We spent some time on the new medium, The Internet, where business is spending...

... Marketing Course for which they paid \$5,200 plus expenses to earn their PDM certification. My task was to present, on video, the history of interactive TV (produced by Hank Hoke), and to show them some of the exciting content already on the World Wide Web. I showed them the Home Page ...

... copy about their exotic-sounding California wines, about the company, and the people behind it. The content included four-color pictures, descriptions, prices, and an order form that we could E - mail to them. We looked at the Direct Marketing Club of Southern California's page on the Web (<http://www.dmcsc.com>). There you can find...

**9/3,K/49 (Item 1 from file: 647)**

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2003 CMP Media, LLC. All rts. reserv.

01089203 CMP ACCESSION NUMBER: EET19960429S0063

**Speech becomes a software add-on**

Sam Weber

ELECTRONIC ENGINEERING TIMES, 1996, n 899, PG58

PUBLICATION DATE: 960429

JOURNAL CODE: EET LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: EMERGING MARKETS: ANNUAL REPORT  
WORD COUNT: 2210

... striving for speech-to-text capability-a sort of dictation machine-as well as text-to-speech, which would enable callers to obtain voice mail, e -mail and fax messages remotely via the telephone. And there are command -and- control applications for consumer appliances and industrial equipment.

Varying accuracy

The capabilities of today's speech-recognition systems range from responding to discrete spoken words or numbers to continuous speech...

9/3,K/50 (Item 2 from file: 647)  
DIALOG(R)File 647: CMP Computer Fulltext  
(c) 2003 CMP Media, LLC. All rts. reserv.

00579397 CMP ACCESSION NUMBER: CRN19901105S1934  
**ComputerLand banks on high television rating with customers** (CORPORATE CLOSEUP)  
T.C. Doyle  
COMPUTER RESELLER NEWS, 1990, n 393, 187  
PUBLICATION DATE: 901105  
JOURNAL CODE: CRN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: User Market  
WORD COUNT: 357

... latest attempt by resellers to increase their influence with customers.

Several reseller organizations have already, or are about to, install terminals at customer sites for order entry and order tracking ; customers with on-site terminals or E - mail connections to resellers can avoid waiting on the phone while a salesperson checks the availability of a part, for example. ComputerLand has connected clients to its E -mail system, enabling users to track orders .

But television is yet another a step, and buying satellite dishes for customers could get expensive. Still, the reseller is up for the challenge.

"Time and again...

9/3,K/51 (Item 1 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
(c) 2003 The Dialog Corp. All rts. reserv.

00577961  
**Microsoft launches set-top box allowing Internet access**

Cable and Satellite Express  
September 25, 1997 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: CABLE SATELLITE AND TV NEWS  
LANGUAGE: ENGLISH WORD COUNT: 171 RECORD TYPE: FULLTEXT

TEXT:

...to send e - mail , interact with TV broadcasts or order services  
...

9/3,K/52 (Item 1 from file: 369)  
DIALOG(R)File 369:New Scientist  
(c) 2003 Reed Business Information Ltd. All rts. reserv.

00106404 14719973.400 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Get on the Net with teletext**  
MARKS, PAUL  
New Scientist, vol. 147, no. 1997, p. Page 24  
September 30, 1995

LANGUAGE: English RECORD TYPE: Fulltext DOC. TYPE: Journal  
WORD COUNT: 502

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT: ...TV set and a touch-tone phone to browse the World Wide Web and send e-mail. The user dials up a computer at the TV station and enters commands with the telephone keypad. The resulting e-mail messages or Web information are then broadcast in teletext format and displayed on the TV screen. The system gives access to the Internet without the need...

9/3,K/53 (Item 1 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1008598 PHTH002  
WorldGate Communications Announces Comcast Cable Communications Inc.,  
Cablevision Systems Corporation, Adelphia Communications Corporation,  
Charter Communications, and Telewest Communications Scotland To Trial  
Revolutionary TVOL(TM) Internet Access Service

DATE: October 17, 1996 07:32 EDT WORD COUNT: 776

...significant advertising revenue opportunity for  
the cable operator."

Channel Hyperlinking represents a paradigm shift within the entertainment industry, the first and only real application of TV interactivity . What we can foresee for the present: A broadcast describing a tornado on a news program can be matched with a Web site providing complementary...

...the ability to turn their fleeting 30-second ads into information-packed presentations. Viewers with questions about the product can correspond with the manufacturer via E-mail , or even order products on-line.

The TVOL service will also provide access to the Community Cyber-Center(TM). This will include a wide variety of community service...

26/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02122907 SUPPLIER NUMBER: 20022925 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**CURTIS MATHES SHOWS INTERACTIVE SET-TOPS.**  
Computergram International, n3302, pCGN12020020  
Dec 2, 1997  
ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 144 LINE COUNT: 00015

TEXT:

...first time at Comdex last week. The UniView set-top products plug into any standard TV and provide things like internet access, TV program listings, VCR programming, parental controls, telephony, email, fax, and caller ID. The products use the Advanced RISC Machines processor originally developed by Acorn Computer Group Plc. Acorn has also licensed its TVCentric...

26/3,K/2 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02071400 SUPPLIER NUMBER: 18916975 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Wireless: ARDIS announces immediate availability of wireless messaging applications for Windows CE platform. (RadioMail, Mail on the Run! and IntegraNet Mobility Services available for Microsoft system) (Product Announcement)**  
EDGE: Work-Group Computing Report, v7, p41(1)  
Nov 25, 1996  
DOCUMENT TYPE: Product Announcement LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 594 LINE COUNT: 00054

... nationwide mobile solutions."

"We are excited that ARDIS has delivered on its commitment to developing applications for the Windows CE platform with the delivery of electronic mail and two-way messaging applications," said Jon Magill, director of marketing, consumer appliances group at Microsoft. "With industry support from companies like ARDIS, the Windows CE platform will allow handheld computing to expand to its full potential."  
ARDIS...

26/3,K/3 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

01997433 SUPPLIER NUMBER: 18734398 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Suppliers unveil future IT visions. (computer hardware and software company CEOs attend European IT Forum) (Industry Trend or Event)**  
Green-Armytage, Jonathan  
Computer Weekly, p20(1)  
Sep 26, 1996  
ISSN: 0010-4787 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 896 LINE COUNT: 00072

... and what Compaq chief executive Eckhard Pfeiffer called "intelligent furniture". All will be linked by a home network so: "The kitchen will be good for E-mail, Web shopping and appliance control while the living room will have the entertainment."

Such diversity cannot be embraced by a single device known as an NC. And there is similar...

26/3,K/4 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)

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01992779 SUPPLIER NUMBER: 18711475 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Letters. (Letter to the Editor)

Computer Life, v3, n10, p22(4)

Oct, 1996

DOCUMENT TYPE: Letter to the Editor ISSN: 1076-9862 LANGUAGE:

English RECORD TYPE: Fulltext

WORD COUNT: 1826 LINE COUNT: 00135

... probably by local area network. And what about the master bedroom? I would definitely have a computer installed there, for late-night Web surfing and controlling the security system, lights, and appliances .

Nice start, but keep going.

Beth Bardot via e - mail

ComputerLife's home of the future in Chino Hills, California, is networked. The story didn't contain information about the network because of space constraints...

26/3,K/5 (Item 5 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01942985 SUPPLIER NUMBER: 18345966 (USE FORMAT 7 OR 9 FOR FULL TEXT)

NC sparks computer appliances. (Oracle's Network Computer reference platform) (Technology Information)

Bournellis, Cynthia

Electronic News (1991), v42, n2118, p1(3)

May 27, 1996

ISSN: 1061-6624 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1890 LINE COUNT: 00151

... Zenith Electronics Corp. Zenith will ship a line of interactive televisions later this year called NetVision, which will be capable of browsing the Web, accessing E - mail and providing capability of Java terminal applications.

These appliances , regardless of which operating system they support, are spawning two new areas of opportunities for semiconductor companies. First, there's room for new architectures. Companies such as Sun Microelectronics...

26/3,K/6 (Item 6 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01633465 SUPPLIER NUMBER: 15020094 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Taking the highway. (Canada's proposed electronic highway) (Platform)

(Column)

Smith, Doug

Computing Canada, v19, n26, p9(1)

Dec 20, 1993

DOCUMENT TYPE: Column ISSN: 0319-0161 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 752 LINE COUNT: 00054

... all common media including phone, cable, network, wireless or even stored on CD-ROM.

It will then be possible, ultimately, to watch TV on your computer , display messages on your radio or program your VCR to run under a Windows interface.

On example of a potential product that was conceived by the Knight-Ridder Information Design Lab in Boulder, Col., is an...

26/3,K/7 (Item 1 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou. (R)

(c) 2003 The Gale Group. All rts. reserv.

01589083 Supplier Number: 48130503 (USE FORMAT 7 FOR FULLTEXT)  
**Curtis Mathes Displays Leading-Edge Convergence Technologies for the Home at COMDEX.**  
Business Wire, p11180144  
Nov 18, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 653

... of only two set-top boxes actually sold in today's retail marketplace. In addition to surfing the Net, users can talk on the telephone, e-mail and fax, access TV program guides and parental control features, and program their VCRs. Home shopping is easier via uniView's credit card reader that, with one swipe, automatically sends encrypted credit card information for purchases. And, uniView also...

**26/3,K/8 (Item 2 from file: 621)**  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2003 The Gale Group. All rts. reserv.

01578284 Supplier Number: 48039889 (USE FORMAT 7 FOR FULLTEXT)  
**Curtis Mathes Adds Value America as a Nationwide Electronic Retail Outlet for uniView.**  
Business Wire, p10091198  
Oct 9, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 549

... truly multimedia experience for shoppers.  
In addition to shopping on the Internet, uniView customers can also talk on the phone, send and receive faxes and e-mails, conduct on-line banking, access TV program guides and parental control features, and program their VCRs. Additional uniView features that leapfrog the competition include caller ID capabilities, an organizer for storing names, addresses, phone, fax, e-mails and URLs, plus the...

**26/3,K/9 (Item 3 from file: 621)**  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2003 The Gale Group. All rts. reserv.

01568160 Supplier Number: 47958899 (USE FORMAT 7 FOR FULLTEXT)  
**Curtis Mathes/Davis Co-Branding Alliance Delivers Cutting-Edge Projection TV Featuring DLP Technology to Consumers; Powerscreen alliance brings future of convergence to home theaters.**  
Business Wire, p9051016  
Sept 5, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 739

... that leapfrogs the mere web offerings of the competition. With uniView, users can surf the net, talk on the phone, send and receive faxes and e-mails, access TV program guides and parental control features, and program their VCRs.

Home shopping via uniView is easier via a credit card reader that, with one swipe, automatically sends encrypted credit card information for purchases. Fully secured...

**26/3,K/10 (Item 4 from file: 621)**  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01561631 Supplier Number: 47913908 (USE FORMAT 7 FOR FULLTEXT)  
Curtis Mathes Links With Security First Network Bank to Provide Convenient  
Home Banking For uniView Users.  
Business Wire, p8180111  
August 18, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 736

... distribution channel," he added.

With the Curtis Mathes uniView and a standard television, users can easily surf the net, talk on the phone, fax and e - mail , access TV listings and parental control features, and program VCRs . A printer port allows for printing information from Internet searches, faxes and e-mails. And, a credit card reader can automatically send encrypted credit card...

26/3,K/11 (Item 5 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01554018 Supplier Number: 47861403 (USE FORMAT 7 FOR FULLTEXT)  
uniView Continues to Lead the Future of Television Technology; Curtis  
Mathes Alliance CrystalGate Works Brings Java to uniView.  
Business Wire, p07280195  
July 28, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 688

... leapfrogs the mere web access offerings of the competition. With uniView, users can surf the Internet, talk on the phone, send and receive faxes and e - mails , access TV program guides and execute parental control features, and program their VCRs . Seamless Internet access is provided through Curtis Mathes Xpressway(TM), the company's proprietary Internet access and on-line network.

"This agreement sets the stage..."

26/3,K/12 (Item 6 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01554017 Supplier Number: 47861402 (USE FORMAT 7 FOR FULLTEXT)  
uniView Continues to Lead the Future of Television Technology; Curtis  
Mathes Alliance CrystalGate Brings Java to uniView.  
Business Wire, p07280344  
July 28, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 688

... leapfrogs the mere web access offerings of the competition. With uniView, users can surf the Internet, talk on the phone, send and receive faxes and e - mails , access TV program guides and execute parental control features, and program their VCRs . Seamless Internet access is provided through Curtis Mathes Xpressway(TM), the company's proprietary Internet access and on-line network.

"This agreement sets the stage..."

26/3,K/13 (Item 7 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01542612 Supplier Number: 47459998 (USE FORMAT 7 FOR FULLTEXT)  
Unlicensed Microwave LAN to link Sunrayce '97 Mobile Internet Cafe users to

Information Highway; Will allow solar-powered car competition's participants and spectators to access the Internet for latest race news.  
Business Wire, p06120147

June 12, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 552

... enthusiasts around the world to obtain current information about Sunrayce '97. Visitors to the Mobile Internet Cafe will also be able to send and receive e - mail messages .

The only 10 Mbps microwave radio system capable of operating in the unlicensed 24.0 to 24.25 GHz Industrial, Scientific and Medical (ISM) frequency band, the FASTWAVE 990 microwave link can be relocated each...

26/3,K/14 (Item 8 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01533347 Supplier Number: 47381045 (USE FORMAT 7 FOR FULLTEXT)  
Beyond surfing the Web: uniView delivers unprecedented combination of information, communication and entertainment options via TV.

Business Wire, p05131147

May 13, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 780

... web offerings of the competition. With uniView, users can not only surf the net, but also talk on the phone, send and receive faxes and e - mails , access TV program guides and parental control features, and program their VCRs . Another unmatched feature is the unit's printer port for printing Internet searches, faxes and e-mails. And, home shopping just became easier via a...

26/3,K/15 (Item 9 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01508883 Supplier Number: 47239508 (USE FORMAT 7 FOR FULLTEXT)  
THINK New Ideas, Inc. tapped for \$1,000,000 interactive project account with Curtis Mathes Holding Corporation.

Business Wire, p03251027

March 25, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 545

... site presence for both the UniView and Xpressway.

Accessed through their home television, the UniView system (the set top box) provides consumers with Internet access, e - mail , fax capabilities, up-to-date television listings with automated VCR programming and parental control features. In addition, the specially designed television box comes equipped with a full duplex speakerphone, a built in credit card reader and the Curtis Mathes...

26/3,K/16 (Item 10 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2003 The Gale Group. All rts. reserv.

01472619 Supplier Number: 47023772 (USE FORMAT 7 FOR FULLTEXT)  
Curtis Mathes uniView Products To Incorporate Acorn TV Centric/ARM Technology.

Business Wire, p1091094

Jan 9, 1997

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 428

... Mathes' uniView set-top products plug into any standard TV and provide consumers with a host of useful features, including Internet access, TV program listing, VCR programming, parental controls, telephony, e-mail, fax and caller ID, among others. Initial set-top versions will retail for less than \$400, uniView devices will also be integrated into a line...

26/3,K/17 (Item 11 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01454751 Supplier Number: 46892272 (USE FORMAT 7 FOR FULLTEXT)

**NetTV, Leading Convergence Company Showcases New Products.**

Business Wire, p11150199

Nov 15, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 593

... 99.

NetTV ONE another new product, delivers real consumer value. The ONE is a full-featured multimedia PC with an integrated 17" SVGA monitor with stereo speakers. ONE delivers remote-controlled, cable-ready TV and FM stereo, consumers can plug-n-play video game systems, send e-mail, surf the Net and easily move it from room to room with an SRP of \$1,799.

NetTV's exciting convergence products have broad application...

26/3,K/18 (Item 12 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01392170 Supplier Number: 46456913 (USE FORMAT 7 FOR FULLTEXT)

**CURTIS MATHES ADDS PREMIUM LINE OF UNIVIEW(TM) WITH A 28.8 BPS MODEM**

PR Newswire, p610LAM019

June 10, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 429

... All Curtis Mathes TV sets and set-tops equipped with UniView(TM) can be used to access the Internet, and all have built-in fax, e-mail, conference phone, on screen caller ID, automated VCR control and various interactive television capabilities.

"We had a fantastic reception at the recent Consumer Electronics Show (CES) in Orlando," said Patrick A. Custer, CEO of...

26/3,K/19 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

03245320 Supplier Number: 46657092 (USE FORMAT 7 FOR FULLTEXT)

**COMPAQ: New Compaq Presario delivers enjoyable multimedia to Europe, Middle East and Africa**

M2 Presswire, pN/A

August 27, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1231

... outgoing calls.

sleep mode -- turns the PC to standby mode, saving electricity; in

this state, the PC is still able to take phone, fax and email messages.  
CD player -- these four buttons look and operate like normal CD  
stereo control buttons, providing play, fast forward, reverse and pause  
functions.

Help -- the SmartQ button returns the computer to the Home Base screen  
and help area. From...

26/3,K/20 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02972172 Supplier Number: 46055257 (USE FORMAT 7 FOR FULLTEXT)  
**CONTRACT BITS:TRT SIGNS OIL NETWORK CONTRACT**  
Telecomworldwire, pN/A  
Jan 10, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 88

... for the BP Forties offshoot oil field near Aberdeen, UK. The system connects all of the Forties oil platforms together in a virtual LAN with e-mail services being provided over the microwave link. The system operates in the 30GHz band with traffic links of 4x2Gbit/s providing service. Terms were not revealed.

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26/3,K/21 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

09187523 Supplier Number: 55981033 (USE FORMAT 7 FOR FULLTEXT)  
**COMPANY PROFILES.**  
Convenience Store News, v33, n10, p115  
August 1, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 53726

... Mgr.  
Product Lines & Products:  
BAKERY

BIZWARE COMPUTER SYSTEMS  
8250 Decarie Blvd., Suite 110, Montreal,  
Que. H4P 2P5 Can.  
(800) 665-0718 / Fax: (514) 341-8999  
E - Mail : jamesbe@total.net  
Contact(s): James Bennett; Mkt.  
Product Lines & Products:  
COMPUTER/INFORMATION SERVICES;  
HARDWARE/SOFTWARE EQUIPMENT  
SERVICES  
Software  
POS  
Scanning/UPC Systems  
Inventory Controls...772-8920 / Fax: (205) 772-8590  
Contact(s): Philip R. Moore; Pres.  
Product Lines & Products:  
COMPUTER/INFORMATION SERVICES;  
HARDWARE/SOFTWARE EQUIPMENT  
SERVICES  
Software  
POS  
Inventory Controls /Software

FISH OVEN & EQUIPMENT CORP.

120 W. Kent Ave., P.O. Box 875,  
Wauconda, IL 60084  
(708) 526-8686 / Fax: (708) 526-7447  
Contact(s): James M. Campbell...

26/3,K/22 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07358159 Supplier Number: 59035819 (USE FORMAT 7 FOR FULLTEXT)

1997 New Product Supplement.

Appliance, v54, n12, p93

Dec, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 17159

... information call: Crouzet Appliance Controls, Les petit champs,  
26120 Motelier, France; Tel: (33) 04 75 59 46 00; Fax: (33) 04 75 59 46 20;  
Email : crouzet@wms-city.com.

Crouzet Appliance Controls

Circle No. 464 on Reader Service Card

Hinge Assemblies

E.R. Wagner-Hinges & Stampings Division specializes in designing and  
manufacturing custom hinge assemblies for microwaves...

26/3,K/23 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05204189 Supplier Number: 47939497

Daewoo tips 10pc of whitegoods market by 2001

Australian, p21

August 29, 1997

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

**ABSTRACT:**

...market in Australia. The 3 heavyweights in the market, namely Email, Southcorp and Fisher & Payke, are likely to be shaken by Daewoo's entry. Individually, Email's control of half of the refrigerator market in Australia, is at stake. This is because Daewoo's strength lies in this area and it has registered a patent for its "multi..."

26/3,K/24 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05080964 Supplier Number: 47458746

Email whitegoods surge ahead of rival

Australian Financial Review, p25

June 11, 1997

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

**ABSTRACT:**

...3 mn in 1995-96. The impressive performance surprised analysts who made the forecasts of AU\$ 20 mn to AU\$ 22 mn. As a result, Email controls 40% of the appliances market while F&P (its closest competitor) holds 22%. Email attributed its success to 3 reasons. First, two of its most expensive fridges, the brands of Westinghouse Q series and Kelvinator, are highly demanded by...

...the dishwasher market. However, more intense competition in the refrigeration market is approaching. This is because F&P has recently

'launched a fridge similar to Email 's Westinghouse Q series fuzzy-logic controlled fridge . Southcorp's Hoover division is very close to being forced out of competition as its pricing strategies are relatively weak.

...

**26/3,K/25 (Item 5 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05037020 Supplier Number: 47394900 (USE FORMAT 7 FOR FULLTEXT)

Diba's New Internet TV Set-Top Device Ready  
Bournellis, Cynthia

Electronic News (1991), p45

May 19, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 508

... UniView set-top box gives television viewers the power to not only surf the Internet but talk on the phone, send and receive faxes and E - mails , access TV program guides and parental control features, program their VCRs , print data and shop home via a credit card reader that automatically sends encrypted credit card information for purchases.

A unique feature of UniView is...

**26/3,K/26 (Item 6 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05036131 Supplier Number: 47393899

Curtis Mathes enters Internet-access arena.

Barthold, Jim

Cable World, p37

May 19, 1997

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

**ABSTRACT:**

...UniView television set-top box, allowing users to surf the Internet, talk on the phone via a full duplex speakerphone, send and receive faxes and E - mail , access television program guides and parental control features, and program VCRs , all through their television sets. The unit costs \$399 retail. The new Internet service is called Curtis Mathes Xpressway and costs \$19.95 per month...

**26/3,K/27 (Item 7 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04470015 Supplier Number: 46562022 (USE FORMAT 7 FOR FULLTEXT)

SmartAssist automates workflow; no programming

InfoWorld, p100

July 22, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 520

... a file, perform formatting, mail the file, and then archive a copy. After SmartAssist records a sequence of events, you go through the process with VCR -style controls to verify proper operation or interactively customize activities.

For instance, after I picked the e - mail step, SmartAssist automatically displayed my Microsoft Exchange e-mail directory so I could select the desired recipients. Similarly, tailored access to the World Wide Web...

26/3,K/28 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04372946 Supplier Number: 46413248 (USE FORMAT 7 FOR FULLTEXT)

**NC Sparks Computer Appliances**

Electronic News (1991), p001

May 27, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1745

... Zenith Electronics Corp. Zenith will ship a line of interactive televisions later this year called NetVision, which will be capable of browsing the Web, accessing E-mail and providing capability of Java terminal applications.

These appliances, regardless of which operating system they support, are spawning two new areas of opportunities for semiconductor companies. First, there's room for new architectures. Companies such as Sun Microelectronics...

26/3,K/29 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

04118623 Supplier Number: 46009655 (USE FORMAT 7 FOR FULLTEXT)

**Attack Of The \$500 Killer Network Computers**

Network Computing, p42

Dec 15, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1167

... Java. Eric Schmidt, Sun's chief technology officer, says the box won't necessarily have a traditional monitor. "These devices may well begin as dedicated appliances for such functions as inventory control and simple e-mail and evolve into more complicated notebook-like devices," he says.

Nathan Myhrvold, Microsoft's unofficial technology strategist and co-group vice president for applications and...

26/3,K/30 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

02597018 Supplier Number: 43450547

**Email - Company Report**

Investext, p1-2

Nov 13, 1992

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

**ABSTRACT:**

MCINTOSH & COMPANY report by Hopkins R.

Email is concentrating its overseas expansion in Asia. The company is returning to its multi-branding and direct marketing approach.

Refrigerator sales are down 6% for 1992 to date, although Email has maintained market share at about 55%. Volumes improved marginally in October and early November. Email has been losing washing machine market to imports, particularly...

26/3,K/31 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)

(c) 1999 The Gale Group. All rts. reserv.

00787767

Predicasts M438 - Voice Input/Output

Voice Input/Output Market Report M438 April, 1982 p. 1-682

Market Report Table of Contents continued Section IV: End-Use Applications General Office Automation General Word Processing

Electronic Mail

Banking & Finance Transportation Automobiles Air Traffic

Control

mer Products

Appliances

Electronics Toys & Games Home Computers Aids to the Handicapped Aids to the Blind Other Aids Other Applications Language Translators Telephones Education Miscellaneous

...

26/3,K/32 (Item 2 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

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00455461

Integrated video terminals (IVT) will be a billion dollar market before 1988, according to International Resource Development Inc (New Canaan, Conn), and will have an even greater impact on housing patterns, manners & morals and the economy in general than did the automobile, television and the national highway system.

Photo Marketing October, 1978 p. 74

... and view them at one's convenience. IVT will be the primary home tool for entertainment, publishing access, home environment scheduling, payment of bills, home appliance control , self-education and correspondence via electronic mail . Market leaders will be vertically integrated firms with solid state computer and consumer manufacturing and sales experience.

...

26/3,K/33 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10157340 SUPPLIER NUMBER: 20038521 (USE FORMAT 7 OR 9 FOR FULL TEXT)

What if...? What if some of the trends touted in the media came true during the next few decades? Here's American Demographics' contribution to millennial hype.

Crispell, Diane; Dorch, Shannon; Edmondson, Brad; Kate, Nancy Ten;

Crispell, Diane; Klein, Matthew; Cravatta, Matthew

American Demographics, v19, n12, p39(8)

Dec, 1997

ISSN: 0163-4089 LANGUAGE: English RECORD TYPE: Fulltext; Abstract WORD COUNT: 5696 LINE COUNT: 00443

... relationships Americans already have with home electronics. On the high end, full-strength PCs are designed to be the heart of the home-entertainment system, controlling televisions and stereos , and adding e - mail and browsing capabilities to the mix. For those without the means or desire to own a PC, Gates suggests a TV-set-top box connected

...

26/3,K/34 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

10155759 SUPPLIER NUMBER: 19906646 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Do-it-yourself training. (nine CD-ROM training tools) (includes related articles on recommended products, other CD-ROM training titles and training on the Web) (Buyers Guide)**

English, David

PC World, v15, n11, p229(7)

Nov, 1997

DOCUMENT TYPE: Buyers Guide ISSN: 0737-8939 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4037 LINE COUNT: 00312

... Navigator. The nine lessons in this CD-ROM (\$39.95 list) include instructions on browsing, searching, creating and managing bookmarks, downloading files, and managing e-mail. VCR-style controls let you adjust the audio, but working with the tutor while connected to the real Internet can be quirky. Grade: C; Personal Training Systems; 800...

**26/3,K/35 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

09491724 SUPPLIER NUMBER: 19424619 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Curtis Mathes announces retail distribution agreements for uniView.**

Business Wire, p5151085

May 15, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 396 LINE COUNT: 00039

... entertainment to the home via the television.

With uniView and a standard television, users can easily surf the net, talk on the phone, fax and e-mail, access TV listings and parental control features, and program VCRs. A printer port allows for printing information from Internet searches, faxes and e-mails. And, a credit card reader can automatically send encrypted credit card...

**26/3,K/36 (Item 4 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

09305663 SUPPLIER NUMBER: 19080789 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**E-mail and website addresses. (heating, ventilation, and air conditioning industry) (Directory)**

Air Conditioning, Heating & Refrigeration News, v200, n4, p77(3)

Jan 27, 1997

DOCUMENT TYPE: Directory ISSN: 0002-2276 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1626 LINE COUNT: 00249

... dehumidicorp

Delta Cooling Towers

E-mail: deltacooling@worldnet.att.net

Website: http://www.deltacooling.com

Dunham-Bush Inc.

Website:

http://www.dunhambush.com

Eaton Corp., Appliance

and Specialty Controls

E - mail : kcheshir@vines.etn.com

EBAC Dehumidifiers

Website: http://www.ebac.co.uk

Edentek Group

E-mail: edentekgroup@msn.com

Edwards Engineering Corp.

Website:

http://www...

26/3,K/37 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08828386 SUPPLIER NUMBER: 18505966 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SmartAssist automates workflow; no programming. (Siemens Nixdorf Informationssysteme AG's checklist automation utility for Windows)**  
(Software Review) (Evaluation)  
Heck, Mike  
InfoWorld, v18, n30, p100(1)  
July 22, 1996  
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 543 LINE COUNT: 00050

... a file, perform formatting, mail the file, and then archive a copy. After SmartAssist records a sequence of events, you go through the process with VCR -style controls to verify proper operation or interactively customize activities.

For instance, after I picked the e-mail step, SmartAssist automatically displayed my Microsoft Exchange e-mail directory so I could select the desired recipients. Similarly, tailored access to the World Wide Web...

26/3,K/38 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07615349 SUPPLIER NUMBER: 16348677 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Groupe Videotron set to offer home services through coaxial cable. (The Year in Review: 1994)**  
Dougherty, Kevin  
Financial Post, p13(1)  
Dec 24, 1994  
ISSN: 0015-2021 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 513 LINE COUNT: 00042

... satisfy the service providers."

Groupe Videotron's pilot project, which should be running by next autumn in Quebec's Saguenay region, will offer home banking, electronic mail, classified ads, gambling and remote thermostat control on top of its regular cable TV service.

Groupe Videotron has 20% of UBI, with its Videoway subsidiary holding another 10%. Videoway pioneered interactive television...

26/3,K/39 (Item 7 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07265608 SUPPLIER NUMBER: 15475443 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Advancing telecommunications technologies for the 21st century. (Research Currents)**  
Lockett, Donald R.  
Journal of Advertising Research, v34, n2, pRC-7(6)  
March-April, 1994  
ISSN: 0021-8499 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 7503 LINE COUNT: 00668

... home. These services could include standard and high-quality phone service, computer database interface, NTSC and HDTV video, video telephone, utility meter reading, home security, electronic mail, catalogs, and control of appliances .

The telephone companies intend to penetrate the consumer market with fiber and ISDN. Broadband ISDN (BISDN) provides the digital protocol needed to format various consumer...

26/3,K/40 (Item 8 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

04130647 SUPPLIER NUMBER: 08081935 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Couch potatoes! Now it's smart TV.**  
Schlender, Brenton R.  
Fortune, v120, n12, p111(5)  
Nov 20, 1989  
ISSN: 0015-8259 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2883 LINE COUNT: 00225

26/3,K/41 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01544258 01-95246  
**What if ... everyone was wired?**  
Klein, Matthew  
American Demographics v19n12 PP: 43 Dec 1997  
ISSN: 0163-4089 JRNLD CODE: ADE  
WORD COUNT: 363

...TEXT: relationships Americans already have with home electronics. On the high end, full-strength PCs are designed to be the heart of the home-entertainment system, controlling televisions and stereos, and adding e - mail and browsing capabilities to the mix. For those without the means or desire to own a PC, Gates suggests a TV-settop box connected to...

26/3,K/42 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01415495 00066482  
**The Internet: Tool or toy?**  
Bardes, David; Harris, Andrew  
Life Association News v92n4 PP: 100-104 Apr 1997  
ISSN: 0024-3078 JRNLD CODE: LAN  
WORD COUNT: 1101

...TEXT: to promote it. In addition to printing the web site address on your business card, you should use every other marketing weapon in your arsenal: direct mail, newsletters, e - mail , advertising, refrigerator magnets, alumni and club rosters, synagogue and church membership, Yellow Pages, proposals, policies and other marketing practices you've found successful.

When prospects visit your...

26/3,K/43 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01359196 00-10183  
**Happy new Internet year**  
Morley, Dick  
Manufacturing Systems v15n1 PP: 88 Jan 1997  
ISSN: 0748-948X JRNLD CODE: MFS  
WORD COUNT: 362

...TEXT: never calculate the lunch tip on my laptop  
never answer e-mail before coffee

never roll my eyes on hearing that someone doesn't have e - mail  
never turn repairing household appliances into a control systems project

have dinner at home at least once a month  
take clothes on trips

stay the Alpha Geek  
Author Affiliation:

Dick Morley can be...

**26/3,K/44 (Item 4 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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01291740 99-41136  
**Microsoft joins PDA market**  
Blodgett, Mindy  
Computerworld v30n38 PP: 2 Sep 16, 1996  
ISSN: 0010-4841 JRNL CODE: COW  
WORD COUNT: 193

...TEXT: to run on handheld computers and personal digital assistants (PDA). Windows CE will also work with devices such as smart phones and pagers.

Jon Magill, director of Microsoft consumer appliance marketing, said Windows CE will offer wireless electronic mail , Internet access and data synchronization and communication with other Windows 95 and Windows NT devices.

The PDA market needs Microsoft's presence. Only 480,000...

**26/3,K/45 (Item 1 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2003 CMP Media, LLC. All rts. reserv.

01143120 CMP ACCESSION NUMBER: WIN19971101S0126  
**PC: Talk to Me! - Voice recognition is starting to make some noise.**  
John Woram  
WINDOWS MAGAZINE, 1997, n 811, PG208  
PUBLICATION DATE: 971101  
JOURNAL CODE: WIN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Feature  
WORD COUNT: 4622

... the desk lamp 25 percent." A new standalone program aptly named HAL2000, from Home Automated Living, similarly gives any Win95 PC user the ability to control appliances by speaking, and to hear e - mail messages and Internet-accessed information such as stock quotes.

Apps Speak Up  
Software vendors are also starting to integrate speech in their products. Lotus SmartSuite 98...

**26/3,K/46 (Item 2 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2003 CMP Media, LLC. All rts. reserv.

01075721 CMP ACCESSION NUMBER: NWC19951215S0026  
**Attack Of The \$500 Killer Network Computers (Background news analysis)**

Christine Hudgins-Bonafield  
NETWORK COMPUTING, 1995, n 616, PG42  
PUBLICATION DATE: 951215  
JOURNAL CODE: NWC LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: H Report-Context  
WORD COUNT: 1168

... Java. Eric Schmidt, Sun's chief technology officer, says the box won't necessarily have a traditional monitor. "These devices may well begin as dedicated **appliances** for such functions as inventory control and simple e-mail and evolve into more complicated notebook-like devices," he says.

Nathan Myhrvold, Microsoft's unofficial technology strategist and co-group vice president for applications and...

26/3,K/47 (Item 1 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2003 IDG Communications. All rts. reserv.

054662  
**Microsoft joins PDA market**  
43  
**Microsoft joins PDA market**  
Byline: Mindy Blodgett  
Journal: Computerworld Page Number: 2  
Publication Date: September 16, 1996  
Word Count: 195 Line Count: 19

**Text:**  
... to run on handheld computers and personal digital assistants (PDA). Windows CE will also work with devices such as smart phones and pagers. Jon Magill, director of Microsoft consumer **appliance** marketing, said Windows CE will offer wireless **electronic mail**, Internet access and data synchronization and communication with other Windows 95 and Windows NT devices.  
The PDA market needs Microsoft's presence. Only 480,000 handhelds...

26/3,K/48 (Item 1 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
(c) 2003 The Dialog Corp. All rts. reserv.

00561250  
**SALUTATION CONSORTIUM AND H-P TO COLLABORATE ON JetSend**  
Electronic Mail & Messaging Systems  
August 25, 1997 VOL: 21 ISSUE: 17 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: BRP PUBLICATIONS  
LANGUAGE: ENGLISH WORD COUNT: 1251 RECORD TYPE: FULLTEXT  
(c) BRP PUBLICATIONS All Rts. Reserv.

**TEXT:**  
...H-P is the market leader in printers, and in fact the JetSend effort comes from the H-P Information **Appliance Operation**. H-P also is a player in the e-mail and directory markets, but JetSend is aimed at a very low-level communication between devices that does not rely on a directory-centric approach. JetSend...

26/3,K/49 (Item 2 from file: 696)  
DIALOG(R)File 696:DIALOG Telecom. Newsletters  
(c) 2003 The Dialog Corp. All rts. reserv.

00513825  
**Court Remands Qualcomm PCS 'Preference' Case**  
Telecommunications Reports

'January 13, 1997 VOL: 63 ISSUE: 2 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: BRP PUBLICATIONS  
LANGUAGE: ENGLISH WORD COUNT: 459 RECORD TYPE: FULLTEXT

(c) BRP PUBLICATIONS All Rts. Reserv.

TEXT:

...investment in-Unwired Planet, Inc. Qualcomm will incorporate into its digital phone products Unwired Planet's UP.Link, a software platform for Internet applications that run on "wireless Internet appliances ." The platform allows electronic mail , corporate telephone directories, stock quotations, and fax-on-demand services to be made available to users of wireless phones and paging devices. Unwired Planet's...

26/3,K/50 (Item 1 from file: 810)

DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0752552 BW1167

CURTIS MATHES HOLDING: Consumers Now Able to Purchase uniView Via the Internet; Curtis Mathes Product Demand Drives Sales on the World Wide Web

October 01, 1997

Byline: Business Editors

...web offerings of the competition. With uniView, users can not only surf the net, but also talk on the phone, send and receive faxes and e - mails , conduct on-line banking, access TV program guides and parental control features, and program their VCRs . Another unmatched feature is the unit's printer port for printing Internet searches, faxes and e-mails. And, home shopping just became easier via a...

26/3,K/51 (Item 2 from file: 810)

DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0646304 BW0255

CYBERGUARD 2: CyberGuard Corp. names IBM to Platform Validation Program

November 18, 1996

Byline: Business Editors

...nationwide mobile solutions."

"We are excited that ARDIS has delivered on its commitment to developing applications for the Windows CE platform with the delivery of electronic mail and two-way messaging applications," said Jon Magill, director of marketing, consumer appliances group at Microsoft. "With industry support from companies like ARDIS, the Windows CE platform will allow handheld computing to expand to its full potential."

File 8:Ei Compendex(R) 1970-2003/Sep W2  
     (c) 2003 Elsevier Eng. Info. Inc.  
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     (c) 2003, EBSCO Pub.  
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 File 266:FEDRIP 2003/Jul  
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 File 95:TEME-Technology & Management 1989-2003/Aug W5  
     (c) 2003 FIZ TECHNIK  
 File 438:Library Lit. & Info. Science 1984-2003/Aug  
     (c) 2003 The HW Wilson Co

Set	Items	Description
S1	98717	(E OR ELECTRONIC OR COMPUTER? OR INTERNET OR ONLINE OR ON(- LINE) (1W) (MAIL??? OR MESSAG???) OR EMAIL??? OR INSTANT() (MES- SAG??? OR MESSENGER? ?)
S2	1332670	APPLIANCE? ? OR VCR? ? OR RECORDER? ? OR THERMOSTAT? ? OR - FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROWAVE? ? OR - OVEN? ? OR TV OR TELEVISION? ?
S3	83034	S2(5N) (CONTROL? OR MANAG? OR MANIPULAT? OR DIRECT? OR RUN?- ??? OR OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVAT? OR INVOK?)
S4	8220524	DEVICE? ? OR MACHINE?? OR HARDWARE OR APPARATUS?? OR EQUIP- MENT OR MECHANISM? ?
S5	985898	S4(5N) (CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DI- RECT? OR RUN???? OR (TURN??? OR SWITCH???) (3W) (ON OR OFF) OR - OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVA- T? OR INVOK?)
S6	2573	S1(10N) (INSTRUCTION? ? OR COMMAND? ? OR ORDER? ? OR ATTACH- MENT? ? OR ACTIVEX OR ACTIVE()X)
S7	366	S1 AND S3
S8	26	S7 AND S6
S9	85	S3(10N)S1
S10	94	S8:S9
S11	90	RD (unique items)
S12	33	S10 NOT PY=1998:2003
S13	1980	S5 AND S1
S14	388	S5(10N)S1
S15	101	S13 AND S6
S16	231	S14 NOT PY=1998:2003
S17	4	S16 AND S2
S18	98	RD S15 (unique items)
S19	52	S18 NOT (PY=1998:2003 OR S12)

S20 40946 REMOT?()CONTROL?  
S21 86 S1 AND S2 AND S20  
S22 78 RD (unique items)  
S23 19 S22 NOT (PY=1998:2003 OR S12 OR S19)  
S24 36517 (APPLIANCE? ? OR VCR? ? OR VIDEO(1W)RECORDER? ? OR THERMOS-TAT? ? OR FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROW-AVE? ? OR OVEN? ?)(5N)(CONTROL? OR DIRECT? OR RUN???? OR OPER-AT??? OR INSTRUCT???? OR COMMAND???)  
S25 82 S1 AND S24  
S26 76 RD (unique items)  
S27 23 S26 NOT (PY=1998:2003 OR S12 OR S19 OR S23)

12/5/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04893280 E.I. No: EIP97123959585

Title: ISAAC: A voice activated speech response system for wearable computers

Author: Smailagic, Asim  
Corporate Source: Carnegie Mellon Univ, Pittsburgh, PA, USA  
Conference Title: Proceedings of the 1997 1st International Symposium on Wearable Computers  
Conference Location: Cambridge, MA, USA Conference Date:  
19971013-19971014

Sponsor: IEEE  
E.I. Conference No.: 47504  
Source: International Symposium on Wearable Computers, Digest of Papers 1997. IEEE Comp Soc, Los Alamitos, CA, USA, 97TB100199. p 183-184

Publication Year: 1997

CODEN: 002736

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications); G  
; (General Review)

Journal Announcement: 9802W2

Abstract: ISAAC (Integrated Speech Activated Application Control) is a technology feasibility prototype which explored capabilities in the low-weight, low-energy area assuming communication over short distances. ISAAC employs speech for communicating with infrastructure in special rooms around campus. A wireless microphone transmits analog speech to a speech recognition system on a base computer. The base computer can control devices through infrared repeaters. It also communicates with the user via an infrared wireless headset. The user can read electronic mail or control the presentation (e.g., VCR, slide projector, etc.) using audio input/output. (Author abstract) 2 Refs.

Descriptors: \*Voice activated input devices; Speech recognition; Speech synthesis; Microphones; Telecommunication repeaters; User interfaces; Electronic mail; Radio communication; Computer control; Interactive computer systems

Identifiers: Integrated speech activated application control (ISAAC); Infrared repeaters; Wearable computers

Classification Codes:  
752.2.1 (Sound Recording Equipment)  
752.2 (Sound Recording); 722.2 (Computer Peripheral Equipment); 723.5 (Computer Applications); 751.5 (Speech); 752.1 (Acoustic Devices); 716.3 (Radio Systems & Equipment)  
752 (Sound Equipment & Systems); 722 (Computer Hardware); 723 (Computer Software); 751 (Acoustics); 716 (Radar, Radio & TV Electronic Equipment)  
75 (ACOUSTICAL TECHNOLOGY); 72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATIONS)

12/5/2 (Item 2 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)  
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01091526 E.I. Monthly No: EI8202016684 E.I. Yearly No: EI82105597

Title: NEW HOME SERVICES DELIVERY SYSTEM ALTERNATIVES.

Author: Akgun, Metin B.  
Corporate Source: Dep of Commun, Ottawa, Ont, Can  
Source: Conf Proc - Compet in the Inf Econ, Pap Presented During Horizon House Int Telecommun and Comput Expo, 6th, (INTELCOM 80), Los Angeles, Calif, USA, Nov 10-13 1980 Publ by Horizon House Telecommun, Inc, Dedham, Mass, USA, 1980 p 214-218

Publication Year: 1980

Language: ENGLISH

Journal Announcement: 8202

Abstract: This study compares on a per subscriber basis the capital cost requirements of several new homes services provided via a number of

delivery system alternatives. The study was limited to alarm monitoring, electronic information, messaging , energy load management and pay- TV services, since it is expected that these services will play an important role among new telecommunication services offered to homes during the 1980's. The studies main conclusions are, that the major cost component for most of the services is the subscriber premises equipment and that there are no significant cost differences between delivery system alternatives for a given service.

Descriptors: \*TELECOMMUNICATION SYSTEMS

Classification Codes:

716 (Radar, Radio & TV Electronic Equipment); 718 (Telephone & Line Communications)

71 (ELECTRONICS & COMMUNICATIONS)

12/5/3 (Item 3 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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01020628 E.I. Monthly No: EI8105045138 E.I. Yearly No: EI81097503

Title: COMPARISON OF TECHNOLOGY AND CAPITAL COSTS FOR NEW HOME SERVICES.

Author: Akgun, Metin B.

Corporate Source: Dep of Commun, Can

Source: IEEE Transactions on Cable Television v CATV-5 n 3 Jul 1980 p 124-138

Publication Year: 1980

CODEN: ITCTDL ISSN: 0147-3204

Language: ENGLISH

Journal Announcement: 8105

Abstract: This paper compares on a per subscriber basis the capital cost requirements of several new home services provided via a number of delivery system alternatives. The study was limited to alarm monitoring, electronic information, messaging , energy load management and pay- TV services. Since the role and penetration of new network architectures and technologies in the local distribution plant during the 80's is uncertain only existing off-air broadcast, telephone and coaxial cable networks and their suitably augmented versions have been considered as delivery network alternatives. The studies' main conclusions are, that the major cost component for most of the services is the subscriber premises equipment and that there are no significant cost differences between delivery systems alternatives for given service. Also some indication is provided, that cost savings could be achieved through sharing of facilities. 19 refs.

Descriptors: \*TELEVISION--\*Subscriber Systems; TELEVISION SYSTEMS, CABLE; DATA TRANSMISSION

Classification Codes:

716 (Radar, Radio & TV Electronic Equipment); 718 (Telephone & Line Communications)

71 (ELECTRONICS & COMMUNICATIONS)

12/5/4 (Item 1 from file: 202)

DIALOG(R)File 202:Info. Sci. & Tech. Abs.

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3003514

Apparatus and method for electronic device for information services.

Author(s): Remillard, R

Patent Number(s): US 5461667

Publication Date: Oct 24, 1995

Language: English

Document Type: Patent

Record Type: Abstract

Journal Announcement: 3000

An electronic device and method for accessing remote electronic facilities and displaying associated information on a conventional television set. The electronic device self-configures itself upon power-up or reset by initiating a data call to a configuring facility. Information

related to available facilities and programming, autonomous mail checking is downloaded to the electronic device. The electronic device displays a menu including several user selectable facilities on the display for a user. The user chooses one of the options from the menu by use of a remote keypad control , similar to a conventional television remote control . The options available include printing, electronic mail and other news and information services.

Descriptors: Displays; Electronic information systems; Electronic mail; Electronic technology

Classification Codes and Description: 3.11 (Communications and Telecommunications Systems)

Main Heading: Information Generation and Promulgation

12/5/11 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00429641 96PI07-004

Computer meets appliance -- Single-function, mass-market devices--for the kitchen?

Rupley, Sebastian

PC Magazine , July 1, 1996 , v15 n13 p34, 1 Page(s)

ISSN: 0888-8507

Company Name: Diba

Product Name: Interactive Digital Electronic Appliances

Languages: English

Document Type: Feature Articles and News

Geographic Location: United States

Discusses the IDEA, a new development concept from Diba of Belmont, CA. Explains that the IDEA is an Interactive Digital Electronic Appliance, a task-specific device that is a combination of specialized hardware and software. Reports that there are currently about 42 models in development, such as e-mail terminals and terminals for yellow pages listings. Mentions that the company also has plans to collaborate with Zenith on an interactive television technology that combines television and Web browsing. (kgh)

Descriptors: Microcomputer System; Task Automation; Electronic Mail

; Directories ; Television ; Web Browsers; Product Development

Identifiers: Interactive Digital Electronic Appliances; Diba

12/5/12 (Item 1 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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04863403

WebTV Devices Take Off / Hot demand drains retailers' supplies

Swartz, Jon

San Francisco Chronicle, Sec D, p 1, col 5

Dec 25, 1997

NEWSPAPER CODE: SF

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

ABSTRACT: After giving Internet appliances a frosty reception last Christmas, consumers now want their WebTV -- if they can find one. The set-top devices -- which let consumers surf the Web and exchange e - mail on their TV screens by using a remote control -- have been as elusive as shopping mall parking spaces. Units are being snapped up as quickly as consumer-electronics stores can stock them, resulting in back-orders of up to three weeks, according to retailers and officials of Palo Alto-based WebTV. Officials of WebTV, which was acquired by Microsoft this year for \$425 million, said they have not been able to keep pace with demand for both its new WebTV Plus Network product as well as the older "classic" version.

DESCRIPTORS: Interactive television; Set top boxes; Consumer behavior;

Financial performance

COMPANY INFORMATION:

WebTV Networks Inc

12/5/13 (Item 2 from file: 483)

DIALOG(R)File 483:Newspaper Abs Daily

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04653333

Price of Being Hooked On Hi-Tech Is Rising AMERICA'S MUST-HAVE-IT MIND-SET

Thompson, Neal

Christian Science Monitor, p 3, col 4

Aug 7, 1997

ISSN: 0882-7729 NEWSPAPER CODE: CS

DOCUMENT TYPE: News; Newspaper

LANGUAGE: English RECORD TYPE: ABSTRACT

LENGTH: Medium (6-18 col inches)

ABSTRACT: The daily rush of technology in Americans' lives starts with the bleep of the digital alarm clock and ends as the remote control clicks off the TV at night. In between is voice mail, e-mail, the pager, a cell phone, the answering machine, an electronic organizer, maybe even a laptop computer. Almost subtly, during the past decade Americans have become ever-more dependent on technology. Items that were fantasies or expensive toys 10 or 20 years ago - when a cellular phone cost more than a computer - are now required tools. Last week, for instance, the 50 millionth American signed up for cellular phone service, according to the industry's trade group in Washington. But Americans' quest for convenience brings many trade-offs. The new array of high-tech tools drains checkbooks. Now there's not only a cable TV bill, but a cell-phone bill and an Internet-access bill, too. And the increasing connectedness strains schedules. Laptops turn time off into "working vacations." Voice mail is the tether between home and office.

DESCRIPTORS: Technological change; Social conditions & trends

GEOGRAPHIC NAMES: United States; US

12/5/14 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1944815 NTIS Accession Number: PB96-154208

Hitachi Review Vol. 44, No. 5, October 1995. Hitachi Multimedia Applications

Hitachi Ltd., Tokyo (Japan).

Corp. Source Codes: 012206000

cOct 95 45p

Languages: English

Journal Announcement: GRAI9612

Color illustrations reproduced in black and white. See also PB96-129804 and PB96-155817.

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NTIS Prices: PC E06/MF E06

Country of Publication: Japan

;Contents: Hitachi Multimedia Applications: Creating New Value with Multimedia Technologies; Multimedia Applications in Urban Infrastructure and Service Systems; Multimedia Networks Featuring Large-Screen Image Displays; Multimedia Digital Library Systems for the Global Information Network; An Internet Solution for Multimedia Information; Electronic Newspaper Distribution System via Satellite; Multimedia Document Creation by Structured Document Processing; and The MMP-1 In-Home Multimedia Platform.

Descriptors: Multimedia; \*Information technology; \*Audio data; \*Video data; Information systems; Systems integration; Telecommunication; Texts; Human computer interface; Data processing; Urban planning; Control systems; Computer programming; Display systems; Television equipment; Computer networks; Internet; Satellite communications; Electronic mail ; Electronic publishing; Computer graphics; CD-ROM; Communication networks  
Identifiers: \*Foreign technology; High definition television; Digital libraries; NTISTFMRI

Section Headings: 62GE (Computers, Control, and Information Theory--General); 45C (Communication--Common Carrier and Satellite); 45B (Communication--Radio and Television Equipment); 82C (Photography and Recording Devices--Recording Devices); 95D (Biomedical Technology and Human Factors Engineering--Human Factors Engineering); 88A (Library and Information Sciences--Operations and Planning); 70E (Administration and Management--Research Program Administration and Technology Transfer)

12/5/19 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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1679476 H.W. WILSON RECORD NUMBER: BAST97039982  
**Video, PCS score big at ICCE '97**  
AUGMENTED TITLE: Chicago, Ill., June 11-13, 1997; program  
Novellino, John;  
Electronic Design v. 45 (June 9 '97) p. 42-8  
DOCUMENT TYPE: Symposium ISSN: 0013-4872 LANGUAGE: English  
RECORD STATUS: Corrected or revised record

ABSTRACT: A guide to the 16th International Conference on Consumer Electronics, which will be held on June 9-13, 1997, in Chicago, Illinois. Featured technologies include digital cameras, interactive video, high definition TV , video-on-demand, a speech- activated telephony E - mail reader, and a new modulation technique. Panel discussions include a discussion on "Electronic commerce and consumer Internet services.".

DESCRIPTORS: Consumer electronics; Electronics industry--Trade shows; High definition television systems;

12/5/20 (Item 2 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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1265517 H.W. WILSON RECORD NUMBER: BAST95061290  
**Get on the Net with teletext**  
Marks, Paul;  
New Scientist v. 147 (Sept. 30 '95) p. 24-5  
DOCUMENT TYPE: Feature Article ISSN: 0262-4079 LANGUAGE: English  
RECORD STATUS: New record

ABSTRACT: In November 1995, a Swedish TV broadcaster will test a text-only Internet service that will allow viewers equipped with only a teletext TV set and touch-tone phone to browse the World Wide Web and send e - mail . The user dials up a computer at the TV station and inputs commands via the telephone keypad. Web information or e - mail messages are then broadcast in teletext format and displayed on an interactive teletext page on the TV. This system allows users to access the Internet without the need for a PC or modem.

DESCRIPTORS: Teletext systems; Internet--Access control;

12/5/25 (Item 5 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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06481145

Acer expects shake-up in the PC market  
TAIWAN: ACER EXHIBITS INTERNET BOX  
South China Morning Post (XKT) 10 Jun 1997 p.t3  
Language: ENGLISH

At Computex '97, Acer Computer exhibited an Internet box that allows Internet access and e-mail through ordinary TV set and remote control. The company also plans to extend its dedicated computers to home users from corporate users. It is selling dedicated computers to bankers at between US\$1,000 and US\$1,500. \*

COMPANY: ACER COMPUTER

PRODUCT: Microcomputers (3573MI);  
EVENT: Marketing Procedures (24);  
COUNTRY: Taiwan (9TAI);

12/5/27 (Item 7 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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06026909

An interactive stamp of approval  
US: POST SERVICE TURNS TO INTERACTIVE TECHNOLOGY  
Advertising Age (AAE) 20 Jun 1994 p.22,25  
Language: ENGLISH

The US Postal Service, facing increasing competition from new technologies, is itself experimenting with interactive technology in a bid to maintain its share of the market. Although overall mail volume is on the increase, the Postal Service is expected to see its share of the correspondence and transaction market fall to around 54% in 1994, from 68% in 1991 and 77% in 1988, and the Postal Service is losing out in the business mail sector in particular. Its experiments with interactive technology include business reply scanning, electronic mail certification and interactive TV which allows customers to order mailing supplies and stamps with delivery to take place the following day.

PRODUCT: Public Mail & Express Services (4311); Economic Programmes (9108 );  
EVENT: General Management Services (26);  
COUNTRY: United States (1USA);

19/5/1 (Item 1 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04630483 E.I. No: EIP97023530348  
**Title:** DTeC - a technology-based freshman design course sequence  
**Author:** Sackman, George; Fellows, Sharon; Culver, Richard  
**Corporate Source:** Binghamton Univ, Binghamton, NY, USA  
**Conference Title:** Proceedings of the 1996 26th Annual Conference on Frontiers in Education, FIE'96. Part 2 (of 3)  
**Conference Location:** Salt Lake City, UT, USA **Conference Date:** 19961106-19961109  
**Sponsor:** IEEE  
**E.I. Conference No.:** 46084  
**Source:** Technology-Based Re-Engineering Engineering Education Proceedings - Frontiers in Education Conference v 2 1996. IEEE, Piscataway, NJ, USA, 96CB35946. p 905-908  
**Publication Year:** 1996  
**CODEN:** PFECDR **ISSN:** 0190-5848  
**Language:** English  
**Document Type:** CA; (Conference Article) **Treatment:** A; (Applications)  
**Journal Announcement:** 9704W2  
**Abstract:** This paper describes a new integrated course sequence for freshman engineering students: Design, Technology and Communication I and II (DTeC). Design projects documented with log books and written reports, along with oral presentations serve as the integrating element in the sequence. In DTeC-I the students learn to use e-mail, word processing, spread sheet, and solid modeling computer graphics application software as well as an introduction to FORTRAN programming. Design projects include a paper structure, digital logic, and aids for the handicapped in a local sheltered workshop. In DTeC-II multimedia software and peripheral hardware (scanners, sound cards) are introduced and used in a multimedia design project: creation of interactive tutorial programs for 4th grade elementary school students, describing the operation of common technological devices. Development of DTeC-III, a mechatronics design lab in the sophomore year using 'C' programming of a microcontroller, is presently in progress. (Author abstract)  
**Descriptors:** Engineering education; Information technology; Computer aided instruction ; Electronic mail ; Word processing; Spreadsheets; Computer simulation; Computer graphics; Computer software; FORTRAN (programming language)  
**Identifiers:** Freshman engineering students; Freshman design course; Multimedia; Interactive tutorial programs; Mechatronics design lab  
**Classification Codes:**  
901.2 (Education); 723.5 (Computer Applications); 723.2 (Data Processing); 723.1 (Computer Programming); 722.4 (Digital Computers & Systems)  
901 (Engineering Profession); 723 (Computer Software); 903 (Information Science); 722 (Computer Hardware)  
90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

19/5/2 (Item 2 from file: 8)  
DIALOG(R)File 8:Ei Compendex(R)  
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04265305 E.I. No: EIP95102889037  
**Title:** Science-by-mail  
**Author:** White, Ellen A.; Fusco, Marc E.  
**Corporate Source:** Bellcore, Piscataway, NJ, USA  
**Conference Title:** Proceedings of the Conference on Human Factors in Computing Systems. Part 2 (of 2)  
**Conference Location:** Denver, CO, USA **Conference Date:** 19950507-19950511  
**E.I. Conference No.:** 43724  
**Source:** Human Factors in Computing Systems (CHI) - Conference Proceedings v 2 1995. ACM, New York, NY, USA. p 149-150  
**Publication Year:** 1995  
**CODEN:** 002163

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications)

Journal Announcement: 9512W1

Abstract: Science-by-Mail is a hands-on, experimental science activity program for children in grades 4 - 9 that is designed to be engaging, educational, and fun. Each participating child is matched with a volunteer pen-pal scientist who provides encouragement and guidance. They receive three 'challenge packets' throughout the year containing information and materials related to an issue in science or technology. Communication between students and scientists about the packets forms the core of the interactions. A nationwide program developed by the Museum of Science, Boston, Science-by-Mail currently involves about 25,000 children and 2,500 scientists. (Author abstract)

Descriptors: Computer aided instruction ; Electronic mail ; Information technology; Computer hardware ; Computer software; Standards

Identifiers: Science by mail; Social action; Technology education

Classification Codes:

723.5 (Computer Applications); 722.1 (Data Storage, Equipment & Techniques); 723.3 (Database Systems); 902.2 (Codes & Standards)

723 (Computer Software); 722 (Computer Hardware); 902 (Engineering Graphics & Standards)

72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING)

19/5/3 (Item 3 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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04082949 E.I. No: EIP95022584960

Title: Communications center automation

Author: Stubee, J.

Corporate Source: Communications Systems Div, Camden, NJ, USA

Conference Title: Proceedings of the 1994 IEEE MILCOM. Part 2 (of 3)

Conference Location: Long Branch, NJ, USA Conference Date: 19941002-19941005

Sponsor: IEEE

E.I. Conference No.: 42512

Source: IEEE MILCOM v 2 1994. IEEE, Piscataway, NJ, USA, 94CH3400-9. p 674-679

Publication Year: 1994

CODEN: 001918

Language: English

Document Type: CA; (Conference Article) Treatment: A; (Applications); T ; (Theoretical)

Journal Announcement: 9504W4

Abstract: A model for an automated Navy Radio Room architecture has been developed and a subset of features to automatically command, control and monitor communication services for analog voice and digital data has been implemented and demonstrated. The demonstration integrated a programmable crypto development module using CYPRIS technology and a Time Division Matrix (TDM) baseband switch. This paper describes the automatic configuration of communications equipment for a pre-defined communications plan, operator configuration of individual equipment , and the implementation features which support the key system concepts. These techniques will simplify communications operations and provide a foundation for future automation supporting Communications Support System (CSS) concepts. 5 Refs.

Descriptors: \*Automation; Mathematical models; Telecommunication services ; Command and control systems; Voice/data communication systems; Computer graphics; Data communication systems; Data communication equipment; Expert systems; Network protocols

Identifiers: Radio room communications; Electronic command message ; Baseband switch; Programmable crypto device

Classification Codes:

723.4.1 (Expert Systems)

732.2 (Control Instrumentation); 921.6 (Numerical Methods); 722.3 (Data Communication, Equipment & Techniques); 731.1 (Control Systems); 723.5 (Computer Applications); 723.4 (Artificial Intelligence)

732 (Control Devices); 921 (Applied Mathematics); 722 (Computer Hardware); 731 (Automatic Control Principles); 723 (Computer Software)  
73 (CONTROL ENGINEERING); 92 (ENGINEERING MATHEMATICS); 72 (COMPUTERS & DATA PROCESSING)

19/5/8 (Item 1 from file: 202)  
DIALOG(R)File 202:Info. Sci. & Tech. Abs.  
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3101159

Telephone apparatus, information processing apparatus and information communication terminal.

Author(s): Onosaka, K

Patent Number(s): US 5500893

Publication Date: Mar 19, 1996

Language: English

Document Type: Patent

Record Type: Abstract

Journal Announcement: 3100

An information communication terminal having a telephone and an informational processing device for communicating with other such terminals or communication devices by way of a telephone network. The informational processing device is adapted to execute a number of predetermined application programs and perform data communication which includes receiving electronic mail by way of the telephone network. The informational processing device may include a battery, a device for generating a battery informational signal representing a charged state of the battery, a first display device for displaying thereon results of the execution of an application program and information corresponding to the electronic mail, a device for generating an electronic mail informational signal representing the receipt of electronic mail, and a device for generating a disconnect command signal when the informational processing device is performing data communication. The telephone is adapted for communicating between operators by way of the telephone network.

Descriptors: Communications; Information processing; Telephone; Terminals  
Classification Codes and Description: 3.11 (Communications and

Telecommunications Systems); 5.05 (Hardware)

Main Heading: Information Generation and Promulgation; Information Processing and Control

19/5/11 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

4823987 INSPEC Abstract Number: B9412-6210G-018, C9412-7104-018

Title: The BERKOM multimedia-mail teleservice

Author(s): Hofrichter, K.; Moeller, E.; Scheller, A.; Schurmann, G.

Author Affiliation: Nat. Res. Center for Comput. Sci. & Inf. Technol.,  
Res. Inst. for Open Commun. Syst., Berlin, Germany

p.23-30

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1993 Country of Publication: USA x+485 pp.

ISBN: 0 8186 4430 3

U.S. Copyright Clearance Center Code: 1071-0485/93/\$3.00

Conference Title: 1993 4th Workshop on Future Trends of Distributed Computing Systems

Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Distributed Process

Conference Date: 22-24 Sept. 1993 Conference Location: Lisbon, Portugal

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: A multimedia-mail teleservice based on CCITT Recommendation

X.400 is under development within the BERKOM Project funded by the German PTT. An additional exchange mechanism complements the electronic mail's inherent store-and-forward mechanism in order to allow the resolution of references to message content, which may be placed within a message rather than the content itself. The traditional text exchange is being enriched by supporting multimedia information in the form of standardized text, still and moving images, audio, and documents. Possible future developments are discussed. (48 Refs)

Subfile: B C

Descriptors: electronic mail ; multimedia systems

Identifiers: multimedia-mail teleservice; CCITT Recommendation X.400;

BERKOM Project; German PTT; exchange mechanism; store-and-forward

Class Codes: B6210G (Electronic mail); C7104 (Office automation)

19/5/14 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02526061 INSPEC Abstract Number: C85046970

Title: Photonet II-a review

Author(s): Iocolano, M.

Journal: Online vol.9, no.5 p.109-14

Publication Date: Sept. 1985 Country of Publication: USA

CODEN: ONLIDN ISSN: 0146-5422

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Photonet is an online service devoted to the photographic and publishing industry. Photonet subscribers can connect their personal computers via phone lines to Photonet's large computer and post information on electronic bulletin boards, send and receive electronic mail with other subscribers, order photographic equipment , and take advantage of numerous other services. (0 Refs)

Subfile: C

Descriptors: electronic mail ; information services

Identifiers: Photonet II; online service; photographic; publishing industry; electronic bulletin boards; electronic mail ; order photographic equipment

Class Codes: C7100 (Business and administration); C7210 (Information services and centres)

19/5/15 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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02410599 INSPEC Abstract Number: B85019716, C85016173

Title: Electronic mail in a buy and supply department

Author(s): Walton, P.

Journal: Communications vol.1, no.2 p.76, 78

Publication Date: Nov. 1984 Country of Publication: UK

CODEN: CMMNE7 ISSN: 0266-8009

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Kent County Council's Purchasing and Supply department uses electronic mail to satisfy order from its customers, to connect them with suppliers if it does not hold stock and to account for the subsequent mass of order and invoice documentation. Electronic mail carriers orders -along a private viewdata supplied by Viewtex of Tunbridge Wells- directly into a Digital Equipment (DEC) PDP-11 minicomputer for processing. (0 Refs)

Subfile: B C

Descriptors: electronic mail

Identifiers: Kent County Council; Digital Equipment; DEC PDP-11 minicomputer; electronic mail ; viewdata

Class Codes: B6210G (Electronic mail); C7100 (Business and administration)

19/5/17 (Item 7 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02159101 INSPEC Abstract Number: B83062248, C84002725  
**Title:** Communications by computer in tomorrow's office  
Author(s): Sermet, A.  
Author Affiliation: Radio-Suisse, Berne, Switzerland  
Conference Title: INFODIAL. 2nd International Congress and Exhibition on  
Data Bases and Data Banks p.201-4  
Publisher: INFODIAL, Paris, France  
Publication Date: 1983 Country of Publication: France xiii+303 pp.  
Conference Date: 24-27 May 1983 Conference Location: Paris, France  
Language: French Document Type: Conference Paper (PA)  
Treatment: Applications (A); Practical (P)  
Abstract: In a period of economic recession, telecommunications are particularly important in the exchange of information. The head of a company needs quick, reliable and economic means to inform and to be informed, to manage and to decide. One finds more and more frequently a computer terminal at the working place near the telephone. Even the managing director often has recourse to this device in order to consult data bases, exchange rates or his electronic mailbox . With the implementation of special networks for the data transmission, the electronic mail and the access to data bases gain in importance. The electronic mail -twenty times faster and three times more economical than the telex-permits a safe exchange of the written information with all the possibilities and comfort of a normal typewriter. The development and the creation of documentation systems, of data bases and data banks have made it possible to accelerate and to rationalise the access to the information. The conference raises the problem of the communications with computers and shows the effects on tomorrow's office. (0 Refs)  
Subfile: B C  
Descriptors: electronic mail  
Identifiers: telecommunications; computer terminal; data bases; exchange rates; electronic mailbox ; data transmission; documentation systems  
Class Codes: B6210G (Electronic mail); C7100 (Business and administration)

19/5/18 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00481144 97PW12-006  
**Windows CE 2.0 adds power and color to handhelds**  
Arar, Yardena  
PC World , December 1, 1997 , v15 n12 p80-84, 2 Page(s)  
ISSN: 0737-8939  
Languages: English  
Document Type: Articles, News & Columns  
Geographic Location: United States  
Presents a brief overview of the features of Windows CE 2.0, the latest version of Microsoft's one-year-old operating system for palmtops and other non-PC devices. Among the improvements included in the new OS are larger color LCD screens, printer support, and improved connectivity. New CE handhelds have larger displays and provide resolutions of up to 640-by-240 with 256 colors. CE 2.0 allows users to send Pocket Word and Pocket Excel documents directly to a printer and send and receive e - mail attachments and check the spelling of Pocket Word documents. Most handheld users will be able to take advantage of many of these enhancements through a ROM upgrade (free to recent buyers). The price of the new systems varies from \$600 for basic models to \$900 for high-end units. A table summarizes features of the first seven available CE 2.0 PDAs. Includes one table and two photos. (djd)  
Descriptors: Personal Digital Assistant; Operating Systems; Product Announcement; Hardware

19/5/19 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00454239 9703IQ-002

Slip into a better view of the Internet with Windows Sockets Software:  
an introductory setup guide (version 9)  
Vincenti, William; Newman, Jason  
Internet Reference Services Quarterly , March 1, 1997 , v2 n1 p17-37, 21  
Page(s)

Languages: English  
Document Type: Articles, News & Columns  
Geographic Location: United States  
Presents a practical guide to setting up an Internet connection that permits the operation of software such as Netscape and other Windows Socket programs. Says that software developers have made programs available that allow users to run e - mail , file transfer protocol (FTP), or Web browsing programs from within a system like Windows. Four sections include: an introduction to the nature of Windows Socket programs; information about the kind of Internet services that are required to run this software, descriptions of the hardware requirements, and a list of basic required programs; instructions for transferring files to e - mail accounts via FTP; and installation instructions for the basic programs that are needed to access most information on the Internet. (smg)  
Descriptors: Web Browsers; Internet; Window Software; Electronic Mail ; Tutorial; Web Tools; Online Information

19/5/20 (Item 3 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00405146 95CW12-112

Navy sails to E - mail gateway solution  
Mohan, Suruchi  
Computerworld , December 11, 1995 , v29 n50 p65, 1 Page(s)  
ISSN: 0010-4841  
Company Name: Digital Equipment Corp.  
Product Name: Mailbus 400  
Languages: English  
Document Type: Feature Articles and News  
Geographic Location: United States  
Provides a case study of the Naval Air Systems Command in Arlington, VA, where the information systems department manages electronic mail with a gateway solution. Explains that in the process of upgrading the mix of Macintoshes and IBM PC compatibles with fiber optic networks, the disparate systems of electronic mail users wanted to communicate with others. States that six hubs of different electronic mail systems were connected in a wide area network using Digital's x.400 backbone, Mailbus 400, which supports file attachments and synchronous directories. Says that the system works well with the varying hardware systems and operating systems, and it has helped to link the users. Includes one sidebar. (bjp)  
Descriptors: Electronic Mail ; Interoperability; Enterprise Computing; Wide Area Networks; Military; Case Study  
Identifiers: Mailbus 400; Digital Equipment Corp.

19/5/21 (Item 4 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00366813 94LK11-018

'intellect': it automatically organizes your communications -- A complete telephone/PC link  
LINK-UP , November 1, 1994 , v11 n6 p15, 1 Page(s)  
ISSN: 0739-988X  
Company Name: Clearwave Communications

Product Name: intellect  
Languages: English  
Document Type: Product Announcement  
Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows  
Geographic Location: United States  
Announces the release of intellect (\$289) a telephone/PC link product that organizes desktop communications, from Clearwave Communications of Fort Collins, CO (303). Says that intellect integrates the phone, fax machines, modem, computer, voice mail and answering machine into a telecommunications command center. Explains that it automatically organizes all business communications calls and faxes and its functions include: message management and tracking, 24-hour call answering, priority call alert, auto dialing, an electronic phone book, call screening, call forwarding, call waiting, distinctive ringing, and Caller ID. Also notes that it can interface with many popular contact managers, databases, and fax software packages. requires a PC compatible running Windows 3.1 or higher, a 3.5'' disk drive, an available COM port, and a VGA monitor. notes it works even when the PC is off. (ekm)  
Descriptors: Telecommunications; Telephone; Facsimile; Modem; Voice Mail; Contact Manager; Window Software  
Identifiers: intellect; Clearwave Communications

19/5/52 (Item 3 from file: 95)  
DIALOG(R)File 95:TEME-Technology & Management  
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00540257 I91117776927  
**The use of electronic mail as an instructional aid: an exploratory study**  
(Die Verwendung elektronischer Post als Lehrhilfsmittel: eine Untersuchung)  
Veasey D'Souza, P  
Dept. of Decision Sci., California State Univ., San Bernardino, CA, USA  
Journal of Computer-Based Instruction, v18, n3, pp106-110, 1991  
Document type: journal article Language: English  
Record type: Abstract  
ISSN: 0098-597X

**ABSTRACT:**  
Most of the research concerning electronic technologies in instructional settings has concentrated on computer-assisted instruction as an alternative means of instruction. Trends in hardware and software have opened new avenues for using the computer as a tool for enhancing instruction. This study investigates the instructional benefits of communicating and disseminating class information and assignments via electronic mail (E-mail). This study found significant differences in four performance scores between 22 students receiving class information and assignment via E-mail and 16 students receiving the traditional handout mode of class information and communication. In all cases, differences were in favor of the E-mail group.

DESCRIPTORS: ASSESSMENT; CASE STUDIES; COMPUTING; ADVANCED TRAINING; EDUCATIONAL COURSES; EDUCATION; CAI--COMPUTER AIDED INSTRUCTION ; COMPUTER SYSTEMS HARDWARE ; COMPUTER SOFTWARE; E MAIL  
IDENTIFIERS: COMPUTER ASSISTED INSTRUCTION; Unterricht; elektronische Post

File 347:JAPIO Oct 1976-2003/May(Updated 030902)

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File 350:Derwent WPIX 1963-2003/UD,UM &UP=200360

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Set	Items	Description
S1	22564	(E OR ELECTRONIC OR COMPUTER? OR INTERNET OR ONLINE OR ON(-)LINE) (1W) (MAIL??? OR MESSAG???) OR EMAIL??? OR INSTANT() (MESSAG??? OR MESSENGER? ?)
S2	850545	APPLIANCE? ? OR VCR? ? OR RECORDER? ? OR THERMOSTAT? ? OR -FRIDGE? ? OR REFRIGERATOR? ? OR STEREO? ? OR MICROWAVE? ? OR -OVEN? ? OR TV OR TELEVISION? ?
S3	76421	S2(5N) (CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DIRECT? OR RUN???? OR (TURN??? OR SWITCH???) (3W) (ON OR OFF) OR -OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVAT? OR INVOK?)
S4	8132846	DEVICE? ? OR MACHINE? ? OR HARDWARE OR APPARATUS?? OR EQUIPMENT OR MECHANISM? ?
S5	1311729	S4(5N) (CONTROL? OR MANAG? OR MANIPULAT? OR INTERACT? OR DIRECT? OR RUN???? OR (TURN??? OR SWITCH???) (3W) (ON OR OFF) OR -OPERAT??? OR INSTRUCT???? OR COMMAND??? OR ORDER??? OR ACTIVAT? OR INVOK?)
S6	1628760	PC? ? OR COMPUTER? ? OR CLIENT? ? OR TERMINAL? ? OR WORKSTATION? ? OR WORK()STATION? ? OR NODE? ? OR SERVER? ?
S7	187	S1 AND S3
S8	113	S7 AND S6
S9	1280	S1(10N) (INSTRUCTION? ? OR COMMAND? ? OR ORDER? ? OR ATTACHMENT? ? OR ACTIVE()X)
S10	16	S8 AND S9
S11	30	S7 AND S9
S12	255	S5 AND S9
S13	26	S2 AND S12
S14	8	S13 NOT S11
S15	1743375	S6 OR CPU OR CENTRAL() PROCESSING() UNIT
S16	683	S5(5N)S1
S17	126	S9 AND S16
S18	906	S1(5N) (INSTRUCTION? ? OR COMMAND? ? OR ORDER? ? OR ATTACHMENT? ? OR ACTIVE()X)
S19	101	S17 AND S18
S20	84	S19 NOT (S11 OR S14)
S21	66	S20 AND IC=G06F
S22	18	S20 NOT S21
S23	61	S1/TI AND S7
S24	39	S23 NOT (S11 OR S14 OR S20)
S25	25	S17 NOT (S11 OR S14 OR S20 OR S24)
S26	154	S1 AND APPLIANCE? ?
S27	131	S26 NOT (S11 OR S14 OR S20 OR S24 OR S25)
S28	18	S1/TI AND S27
S29	113	S27 NOT S28
S30	72	S29 AND IC=G06F
S31	41	S29 NOT S30

11/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07112007 \*\*Image available\*\*  
REMOTE CONTROL DEVICE AND METHOD

PUB. NO.: 2001-339674 [JP 2001339674 A]  
PUBLISHED: December 07, 2001 (20011207)  
INVENTOR(s): HIRATA SHINICHI  
APPLICANT(s): SONY CORP  
APPL. NO.: 2001-099894 [JP 20011099894]  
Division of 09-064230 [JP 9764230]  
FILED: March 18, 1997 (19970318)  
INTL CLASS: H04N-005/76; G06F-013/00; G11B-031/00; H04M-011/00;  
H04N-005/00; H04N-005/7826; H04Q-009/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To accurately control an electrical machinery and apparatus from the remote location.

SOLUTION: The **electronic mail** that the interpolation of a control **command** was done is transmitted through a public line 2, is received through a modem section 21 of a gateway 20, and then is converted into digital data and supplied to a control section 22. A CPU(central processing unit) 22a of the control section 22 extracts the control **command** which is included in this **electronic mail**, while a received **electronic mail** is stored in a RAM(random access memory) 22c. An interface section 23 then is supplied with a control signal corresponding to the control command. An IR(infra red) sending section 26 allows the interface section 23 to send a signal corresponding to the control signal supplied from the CPU 22a or it outputs the signal through an interconnect line 28 and **controls** a video **recorder** 27.

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11/5/8 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015276829 \*\*Image available\*\*  
WPI Acc No: 2003-337760/200332  
XRPX Acc No: N03-270724

**Remote control system for domestic electrical appliances , selects operation program corresponding to operation key transmitted from user and/or manufacturer through e - mail , to control specified appliance**

Patent Assignee: GAKUSHU KENKYUSHA KK (GAKN )  
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003102071	A	20030404	JP 2001286954	A	20010920	200332 B

Priority Applications (No Type Date): JP 2001286954 A 20010920

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003102071	A	8	H04Q-009/00	

Abstract (Basic): JP 2003102071 A

NOVELTY - A controller (21) establishes communication between a user and/or manufacturer and domestic appliances through a network, to transmit e - mails including an **operation key** to the target **appliance**. An **operation command execution unit** (24) provided in an **electronic mailer module** (4) selects an operation program from a conversion table corresponding to the transmitted **operation key**, to **control** the **appliance**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for

remote control method of domestic appliances .

USE - For controlling domestic electrical appliances such as air-conditioner, video, refrigerator and bath by user or manufacturer, from remote place through internet.

ADVANTAGE - Enables effective control of individual appliances from remote places, without performing complicated operations.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the remote control system. (Drawing includes non-English language text).

electronic mailer module (4)

controller (21)

operation command execution unit (24)

pp; 8 DwgNo 2/10

Title Terms: REMOTE; CONTROL; SYSTEM; DOMESTIC; ELECTRIC; APPLIANCE; SELECT ; OPERATE; PROGRAM; CORRESPOND; OPERATE; KEY; TRANSMIT; USER; MANUFACTURE ; THROUGH; MAIL; CONTROL; SPECIFIED; APPLIANCE

Derwent Class: T01; W01

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G06F-013/00

File Segment: EPI

11/5/9 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015148478 \*\*Image available\*\*

WPI Acc No: 2003-209005/200320

XRPX Acc No: N03-166561

Remote maintenance system for remotely configuring and maintaining equipment, has command unit that sends command and password to be executed by equipment through e - mail , using which equipment is maintained

Patent Assignee: YOKOGAWA DENKI KK (YOKG ); YOKOGAWA ELECTRIC CORP (YOKG )

Inventor: HASEGAWA K

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020147806	A1	20021010	US 2002112702	A	20020402	200320 B
JP 2002305777	A	20021018	JP 2001108441	A	20010406	200330
JP 2003108488	A	20030411	JP 2001296444	A	20010927	200334

Priority Applications (No Type Date): JP 2001296444 A 20010927; JP 2001108441 A 20010406

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20020147806	A1	20	G06F-015/173
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JP 2002305777	A	9	H04Q-009/00
---------------	---	---	-------------

JP 2003108488	A	6	G06F-013/00
---------------	---	---	-------------

Abstract (Basic): US 20020147806 A1

NOVELTY - A command unit (17,18) sends an electronic mail containing a command and a password to a remotely located target equipment (12), through Internet (200a). The target equipment receives the electronic mail which contains the password and the command in an encrypted form, provided in the text or attached file of the mail. The command is executed by the target equipment to configure and maintain the equipment.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for e - mail based data processing system.

USE - Remote maintenance system for configuring and maintaining equipment such as controller, measuring instruments, recorders, office automation equipment using command units such as computer, cellular phone, PHS phone, personal digital assistant (PDA), etc.

ADVANTAGE - Eliminates the need for reconfiguring the network environment, as target equipment and command units capable of sending and receiving e - mails are used. Since the commands are sent to the devices through electronic mail , several commands may be sent

through a single mail, thus eliminating the complexity and the time involved in configuring the devices. Since password is provided and the commands are encrypted, the security and reliability are improved.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the remote maintenance system.

target equipment (12)  
command units (17,18)  
Internet (200a)  
pp; 20 DwgNo 6/15

Title Terms: REMOTE; MAINTAIN; SYSTEM; REMOTE; MAINTAIN; EQUIPMENT; COMMAND ; UNIT; SEND; COMMAND; PASSWORD; EXECUTE; EQUIPMENT; THROUGH; MAIL; EQUIPMENT; MAINTAIN

Derwent Class: T01

International Patent Class (Main): G06F-013/00; G06F-015/173; H04Q-009/00

International Patent Class (Additional): G06F-013/00

File Segment: EPI

11/5/11 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014499965 \*\*Image available\*\*

WPI Acc No: 2002-320668/200236

Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548; 2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320430; 2002-320431; 2002-320432; 2002-320543

XRPX Acc No: N02-251205

**Network-connected remote control apparatus for electronic devices involves acquiring control command from e-mail transmitted from server, and correspondingly controls electronic device**

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001346271	A	20011214	JP 9764230	A	19970318	200236 B
			JP 200199890	A	19970318	

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199890 A 19970318

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001346271	A	9	H04Q-009/00	Div ex application JP 9764230

Abstract (Basic): JP 2001346271 A

NOVELTY - A modem (21) acquires the control command from e-mail transmitted by a network server. A CPU (22a) controls a predetermined electronic device depending on control command.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for remote control method.

USE - For controlling electronic devices like TV, video recorder .

ADVANTAGE - An electronic equipment is correctly controlled even from a remote place.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the remote control apparatus. (Drawing includes non-English language text).

Modem (21)  
CPU (22a)  
pp; 9 DwgNo 2/11

Title Terms: NETWORK; CONNECT; REMOTE; CONTROL; APPARATUS; ELECTRONIC; DEVICE; ACQUIRE; CONTROL; COMMAND; MAIL; TRANSMIT; SERVE; CORRESPOND; CONTROL; ELECTRONIC; DEVICE

Derwent Class: T01; W01; W03

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G06F-013/00; H04M-011/00; H04N-005/00; H04N-007/173

File Segment: EPI

11/5/12 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014499840 \*\*Image available\*\*  
WPI Acc No: 2002-320543/200236  
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;  
2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320430;  
2002-320431; 2002-320432; 2002-320668

XRPX Acc No: N02-251083

Remote controller for video recorder , extracts video recording control command from received e - mail for controlling corresponding television broadcasting video recorder

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001339674	A	20011207	JP 9764230	A	19970318	200236 B
			JP 200199894	A	19970318	

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199894 A 19970318

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001339674	A	9	H04N-005/76	Div ex application JP 9764230

Abstract (Basic): JP 2001339674 A

NOVELTY - A modem (21) receives e - mail including video recording control command that represents a video recording completion date and a television broadcasting channel. An interface (23) extracts control command from the received e - mail . A control unit (22) controls a corresponding television broadcasting video recorder based on the extracted command information.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for remote control method.

USE - For remote control of electrical equipment such as video recorder connected to television for enabling reservation recording etc.

ADVANTAGE - An electric equipment is correctly controllable even from remote place, thereby enabling suitable reservation recording.

DESCRIPTION OF DRAWING(S) - The figure shows the components of remote controller. (Drawing includes non-English language text).

Modem (21)

Control unit (22)

Interface (23)

pp; 9 DwgNo 1/11

Title Terms: REMOTE; CONTROL; VIDEO; RECORD; EXTRACT; VIDEO; RECORD; CONTROL; COMMAND; RECEIVE; MAIL; CONTROL; CORRESPOND; TELEVISION; BROADCAST; VIDEO; RECORD

Derwent Class: T01; W01; W03

International Patent Class (Main): H04N-005/76

International Patent Class (Additional): G06F-013/00; G11B-031/00; H04M-011/00; H04N-005/00; H04N-005/7826; H04Q-009/00

File Segment: EPI

11/5/13 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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014499729 \*\*Image available\*\*  
WPI Acc No: 2002-320432/200236  
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;  
2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320430;  
2002-320431; 2002-320543; 2002-320668

XRPX Acc No: N02-250980

Remote control for TV receiver, produces e - mail which indicates control completion, when control operation is executed by CPU  
Patent Assignee: SONY CORP (SONY )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
JP 2001333469 A 20011130 JP 9764230 A 19970318 200236 B  
JP 200199898 A 19970318

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199898 A 19970318

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001333469 A 10 H04Q-009/00 Div ex application JP 9764230

Abstract (Basic): JP 2001333469 A

NOVELTY - A CPU (22a) controls an electronic device based on control command extracted from an e - mail when control operation is executed normally, an e - mail which indicates control completion is produced. A network is located and a signal corresponding to control information included in the produced e - mail is transmitted by a transmitter (26).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for remote control method.

USE - For TV receiver and video recorder.

ADVANTAGE - Enables correct control of the equipment even from remote place.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the remote control. (Drawing includes non-English language text).

CPU (22a)

Transmitter (26)

pp; 10 DwgNo 1/11

Title Terms: REMOTE; CONTROL; TELEVISION; RECEIVE; PRODUCE; MAIL; INDICATE; CONTROL; COMPLETE; CONTROL; OPERATE; EXECUTE; CPU

Derwent Class: T01; W01; W03; W04; W05

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G06F-013/00; G11B-015/02

File Segment: EPI

11/5/14 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014499728 \*\*Image available\*\*

WPI Acc No: 2002-320431/200236

Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548; 2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320430; 2002-320432; 2002-320543; 2002-320668

XRPX Acc No: N02-250979

Remote control apparatus for TV receiver, transmits replay e - mail indicating control incompleteness when judging that remote control of electronic device is not possible

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week  
JP 2001333468 A 20011130 JP 9764230 A 19970318 200236 B  
JP 200199897 A 19970318

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199897 A 19970318

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001333468 A 10 H04Q-009/00 Div ex application JP 9764230

Abstract (Basic): JP 2001333468 A

NOVELTY - A controller controls an electronic device using an IR transmitter (26) and the control interface (23) based on the control

command extracted from a received e - mail . A replay e - mail indicating incomplete control operation is transmitted to the public circuit (2), when control process of an electronic device is not possible.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for remote control method.

USE - For electric equipment such as TV receiver and video recorder.

ADVANTAGE - Enables precise control of electric equipment even from a remote place.

DESCRIPTION OF DRAWING(S) - The figure shows the component diagram of remote control apparatus. (Drawing includes non-English language text).

Public circuit (2)

Control interface (23)

IR transmitter (26)

pp; 10 DwgNo 1/11

Title Terms: REMOTE; CONTROL; APPARATUS; TELEVISION; RECEIVE; TRANSMIT; REPLAY; MAIL; INDICATE; CONTROL; JUDGEMENT; REMOTE; CONTROL; ELECTRONIC; DEVICE; POSSIBILITY

Derwent Class: T01; W01; W03; W05

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G06F-013/00; G11B-015/02

File Segment: EPI

11/5/15 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014499727 \*\*Image available\*\*

WPI Acc No: 2002-320430/200236

Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548; 2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320431; 2002-320432; 2002-320543; 2002-320668

XRPX Acc No: N02-250978

Remote control apparatus for television , video recorder , transmits e - mail containing reply information to transmitting element of control information

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001333467	A	20011130	JP 9764230	A	19970318	200236 B
			JP 200199896	A	19970318	

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199896 A 19970318

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001333467	A	10	H04Q-009/00	Div ex application JP 9764230

Abstract (Basic): JP 2001333467 A

NOVELTY - A control command included in control information, is extracted. A controller controls predetermined electronic device based on extracted control command . An e - mail containing reply information is produced based on control result of controller and the e - mail is transmitted to the transmitting element of control information.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for remote control method.

USE - For electrical and electronic equipment such as television, video recorder, etc.

ADVANTAGE - Enables precise control of equipment even from remote place, by transmitting e - mail including reply information to transmitting element of control information.

DESCRIPTION OF DRAWING(S) - The figure shows the components of remote control apparatus. (Drawing includes non-English language text).

pp; 10 DwgNo 1/11  
Title Terms: REMOTE; CONTROL; APPARATUS; TELEVISION; VIDEO; RECORD;  
TRANSMIT; MAIL; CONTAIN; REPLY; INFORMATION; TRANSMIT; ELEMENT; CONTROL;  
INFORMATION  
Derwent Class: T01; W01; W03; W04; W05  
International Patent Class (Main): H04Q-009/00  
International Patent Class (Additional): G06F-013/00; G11B-015/02  
File Segment: EPI

11/5/16 (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014499726 \*\*Image available\*\*  
WPI Acc No: 2002-320429/200236  
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;  
2002-310549; 2002-310552; 2002-320428; 2002-320430; 2002-320431;  
2002-320432; 2002-320543; 2002-320668  
XRPX Acc No: N02-250977  
Remote controller for television receiver, video recorder,  
controls predetermined electronic device based on control command  
extracted from received electronic mail  
Patent Assignee: SONY CORP (SONY )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001333466	A	20011130	JP 9764230	A	19970318	200236 B
			JP 200199895	A	19970318	

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199895 A  
19970318

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001333466 A 10 H04Q-009/00 Div ex application JP 9764230

Abstract (Basic): JP 2001333466 A

NOVELTY - An electronic mail with a control command which is sent through a public circuit (2) stored in RAM (22c) of the remote controller. The existence of the control command in the received mail is judged and the command is extracted from the mail. A CPU (22a) controls predetermined electronic device based on the extracted control command.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for remote control method.

USE - For remotely controlling electronic equipment such as television receiver, video recorder, etc.

ADVANTAGE - The electronic equipment is controlled accurately from a remote place, based on the extracted control command.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of remote controller. (Drawing includes non-English language text).

Public circuit (2)

CPU (22a)

RAM (22c)

pp; 10 DwgNo 1/11

Title Terms: REMOTE; CONTROL; TELEVISION; RECEIVE; VIDEO; RECORD; CONTROL;  
PREDETERMINED; ELECTRONIC; DEVICE; BASED; CONTROL; COMMAND; EXTRACT;  
RECEIVE; ELECTRONIC; MAIL

Derwent Class: T01; W03; W04; W05

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G06F-013/00; G11B-015/02

File Segment: EPI

11/5/17 (Item 13 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014499725    \*\*Image available\*\*  
WPI Acc No: 2002-320428/200236  
Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548;  
2002-310549; 2002-310552; 2002-320429; 2002-320430; 2002-320431;  
2002-320432; 2002-320543; 2002-320668

XRPX Acc No: N02-250976

Remote control apparatus for TV receiver, controls electronic device by supplying control signal depending on control command

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001333465	A	20011130	JP 9764230	A	19970318	200236 B
			JP 200199893	A	19970318	

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199893 A 19970318

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001333465 A 10 H04Q-009/00 Div ex application JP 9764230

Abstract (Basic): JP 2001333465 A

NOVELTY - An acquisition unit acquires an e-mail by accessing a predetermined server and an extractor extracts a control command included in the e-mail. A remote controller performs remote control of video recorder (27) using radio signal, depending on control command.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for remote control method.

USE - For TV receiver, video recorder.

ADVANTAGE - Eases control of electric equipment even from remote place by controlling the device by transmitting radio signal based on control command.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of remote control apparatus. (Drawing includes non-English language text).

Video recorder (27)  
pp; 10 DwgNo 1/11

Title Terms: REMOTE; CONTROL; APPARATUS; TELEVISION; RECEIVE; CONTROL; ELECTRONIC; DEVICE; SUPPLY; CONTROL; SIGNAL; DEPEND; CONTROL; COMMAND

Derwent Class: T01; W03; W04

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G06F-013/00; H04M-011/00; H04N-005/00; H04N-007/173

File Segment: EPI

11/5/18 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014489846    \*\*Image available\*\*

WPI Acc No: 2002-310549/200235

Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310548; 2002-310552; 2002-320428; 2002-320429; 2002-320430; 2002-320431; 2002-320432; 2002-320543; 2002-320668

XRPX Acc No: N02-243401

Remote control apparatus for video recorder , involves generating and transmitting to transmitter electronic mail indicating reservation process completion or reservation data deletion

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001346274	A	20011214	JP 9764230	A	19970318	200235 B
			JP 200199900	A	19970318	

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199900 A

19970318

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001346274	A	10	H04Q-009/00	Div ex application JP 9764230

Abstract (Basic): JP 2001346274 A

NOVELTY - A controller (22) executes an **operation reservation process** for a video **recorder** (27) based on reservation requesting **control command** extracted from an **e-mail** from a transmitter (26). If the **command** indicates cancellation of the reservation data, the controller deletes the data. An appropriate **e-mail** is notified to transmitter (26) to indicate the reservation process completion or reservation data deletion.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the remote control method.

USE - For television receivers and video recorders.

ADVANTAGE - Accurate remote **control** of video **recorder** is realized due to the **controller** generating **e-mail** indicating reservation process completion or reservation data deletion.

DESCRIPTION OF DRAWING(S) - The figure shows component of remote-control apparatus. (Drawing includes non-English language text).

Controller (22)  
Transmitter (26)  
Video recorder (27)  
pp; 10 DwgNo 2/11

Title Terms: REMOTE; CONTROL; APPARATUS; VIDEO; RECORD; GENERATE; TRANSMIT; TRANSMIT; ELECTRONIC; MAIL; INDICATE; RESERVE; PROCESS; COMPLETE; RESERVE ; DATA; DELETE

Derwent Class: T01; W03

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G06F-013/00; H04N-005/76

File Segment: EPI

11/5/19 (Item 15 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014489845 \*\*Image available\*\*

WPI Acc No: 2002-310548/200235

Related WPI Acc No: 1998-578830; 2002-102921; 2002-310547; 2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320430; 2002-320431; 2002-320432; 2002-320543; 2002-320668

XRPX Acc No: N02-243400

Remote controller for video recorder involves receiving control command from e-mail, based on which recording/cancellation of data is identified

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001346273	A	20011214	JP 9764230	A	19970318	200235 B
			JP 200199899	A	19970318	

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199899 A 19970318

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001346273	A	9	H04Q-009/00	Div ex application JP 9764230

Abstract (Basic): JP 2001346273 A

NOVELTY - A CPU (22) retrieves the control **command** included in the **e-mail** received by a modem (21) of gateway (20). The appropriate control signal is transmitted to an interface (23) so that data recording by a video **recorder** (27) is executed. When the **control command** indicates cancellation of stored data, the corresponding data in video recorder is detected by the CPU.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the remote control method.

USE - For television, video recorder.

ADVANTAGE - Accurate remote control of video recorder is realized.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of remote controller. (Drawing includes non-English language text).

Gateway (20)

Modem (21)

CPU (22)

Interface (23)

Video recorder (27)

pp; 9 DwgNo 2/11

Title Terms: REMOTE; CONTROL; VIDEO; RECORD; RECEIVE; CONTROL; COMMAND; MAIL; BASED; RECORD; CANCEL; DATA; IDENTIFY

Derwent Class: T01; W03; W04

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G06F-013/00; H04N-005/00; H04N-005/76

File Segment: EPI

11/5/20 (Item 16 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014489844 \*\*Image available\*\*

WPI Acc No: 2002-310547/200235

Related WPI Acc No: 1998-578830; 2002-102921; 2002-310548; 2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320430; 2002-320431; 2002-320432; 2002-320543; 2002-320668

XRPX Acc No: N02-243399

Remote control for television , extracts control command from acquired electronic mail for controlling electronic device

Patent Assignee: SONY CORP (SONY )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001346272	A	20011214	JP 9764230	A	19970318	200235 B
			JP 200199891	A	19970318	

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199891 A 19970318

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2001346272 A 9 H04Q-009/00 Div ex application JP 9764230

Abstract (Basic): JP 2001346272 A

NOVELTY - An electronic mail is acquired when an acquisition unit accesses the server. An extraction unit extracts a control command from the acquired electronic mail . A control unit (22) controls an electronic device, based on the control command.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for remote control method.

USE - For television, video recorder.

ADVANTAGE - Controls electric equipment correctly from remote place.

DESCRIPTION OF DRAWING(S) - The figure shows the detailed component block diagram of the remote control. (Drawing includes non-English language text).

Control unit (22)

pp; 9 DwgNo 2/11

Title Terms: REMOTE; CONTROL; TELEVISION; EXTRACT; CONTROL; COMMAND; ACQUIRE; ELECTRONIC; MAIL; CONTROL; ELECTRONIC; DEVICE

Derwent Class: T01; W03

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G06F-013/00; H04M-011/00; H04N-005/00; H04N-007/173

File Segment: EPI

11/5/22 (Item 18 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014282220 \*\*Image available\*\*  
WPI Acc No: 2002-102921/200214  
Related WPI Acc No: 1998-578830; 2002-310547; 2002-310548; 2002-310549;  
2002-310552  
XRPX Acc No: N02-076724

Remote control for video recorder controls generation of appropriate electronic mail indicating impossible deviation condition of reservation data during cancellation, and operation result after process execution

Patent Assignee: SONY CORP (SONY )  
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001346275	A	20011214	JP 9764230	A	19970318	200214 B
			JP 200199901	A	19970318	

Priority Applications (No Type Date): JP 9764230 A 19970318; JP 200199901 A 19970318

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001346275	A	10	H04Q-009/00	Div ex application JP 9764230

Abstract (Basic): JP 2001346275 A

NOVELTY - A control unit (22) regulates the execution of the reservation process and the cancellation of the reservation data, of a video recorder, based on a control command from a server. A production unit generates an appropriate e-mail notifying the impossible deletion condition if the reservation data is not deletable and generates the process result after the process execution.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for remote control method.

USE - For TV receivers and video recorders.

ADVANTAGE - Accurate remote control of video recorder is realized since controller generates e-mail indicating reservation process result.

DESCRIPTION OF DRAWING(S) - The figure shows the remote control unit. (Drawing includes non-English language text).

Control unit (22)  
pp; 10 DwgNo 1/11

Title Terms: REMOTE; CONTROL; VIDEO; RECORD; CONTROL; GENERATE; APPROPRIATE; ELECTRONIC; MAIL; INDICATE; IMPOSSIBLE; DEVIATE; CONDITION; RESERVE; DATA; CANCEL; OPERATE; RESULT; AFTER; PROCESS; EXECUTE

Derwent Class: T01

International Patent Class (Main): H04Q-009/00

International Patent Class (Additional): G06F-013/00; H04N-005/76

File Segment: EPI

11/5/24 (Item 20 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013840143 \*\*Image available\*\*  
WPI Acc No: 2001-324356/200134  
XRPX Acc No: N01-233923

Remote operation system of household electric appliances, has server to classify e-mail and forwards corresponding instruction to applicable appliances connected to server by LAN

Patent Assignee: ONO T (ONOT-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 2001086570 A 20010330 JP 99298677 A 19990914 200134 B

Priority Applications (No Type Date): JP 99298677 A 19990914

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001086570 A 3 H04Q-009/00

Abstract (Basic): JP 2001086570 A

NOVELTY - The mobile apparatus (1) transmits household electric appliances operation instruction electronic mail to domestic server (3) through internet circuit (2). The server classifies the e-mail and forwards the operation instruction to applicable electric appliances (4-6) contacted with server by wireless LAN.

USE - For remote operation of household electric appliances such as rice cooker by electronic mail instruction.

ADVANTAGE - Performs efficient remote operation of electric appliances from outer destination using e-mail.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of remote operation system. (Drawing includes non-English language text).

Mobile apparatus (1)

Internet circuit (2)

Server (3)

Electric appliances (4-6)

pp; 3 DwgNo 1/1

Title Terms: REMOTE; OPERATE; SYSTEM; HOUSEHOLD; ELECTRIC; APPLIANCE; SERVE; CLASSIFY; MAIL; FORWARD; CORRESPOND; INSTRUCTION; APPLY; APPLIANCE; CONNECT; SERVE; LAN

Derwent Class: W05

International Patent Class (Main): H04Q-009/00

File Segment: EPI

11/5/25 (Item 21 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013700873 \*\*Image available\*\*

WPI Acc No: 2001-185097/200119

XRPX Acc No: N01-132146

Automatic remote control system for household electric appliance, extracts command data and apparatus code from e-mail in natural language, received by controller and regulates operation of corresponding apparatus

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000330883	A	20001130	JP 99135809	A	19990517	200119 B

Priority Applications (No Type Date): JP 99135809 A 19990517

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2000330883 A 10 G06F-013/00

Abstract (Basic): JP 2000330883 A

NOVELTY - The received electronic mail (e-mail) (8) consisting of control command information in natural language for apparatuses (1a-1c), is sent to controller (3). The apparatus code is specified by telegraphic message decipherment unit (3b) and command data is obtained by command production unit (3c) from received e-mail. The controller transmits command data and regulates the corresponding apparatus.

USE - Automatic remote control system for household electric appliance such as air conditioner, television, video tape recorder (VTR).

ADVANTAGE - The operation of electric appliances can be easily regulated by controller, based on electronic mail received in natural language from remote place.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of automatic remote control system.

Apparatuses (1a-1c)

Controller (3)

Telegraphic message decipherment unit (3b)

Command production unit (3c)

Electronic mail (8)

pp; 10 DwgNo 1/9

Title Terms: AUTOMATIC; REMOTE; CONTROL; SYSTEM; HOUSEHOLD; ELECTRIC; APPLIANCE; EXTRACT; COMMAND; DATA; APPARATUS; CODE; MAIL; NATURAL; LANGUAGE; RECEIVE; CONTROL; REGULATE; OPERATE; CORRESPOND; APPARATUS

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): H04L-012/54; H04L-012/58

File Segment: EPI

11/5/29 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012161918 \*\*Image available\*\*

WPI Acc No: 1998-578830/199849

Related WPI Acc No: 2002-102921; 2002-310547; 2002-310548; 2002-310549; 2002-310552; 2002-320428; 2002-320429; 2002-320430; 2002-320431; 2002-320432; 2002-320543; 2002-320668

XRPX Acc No: N98-451572

Receiver for electronic mail by which e.g. TV receiver, video deck is controlled - has CPU which controls operation of predetermined electrical equipment e.g. video deck according to control command extracted from electronic mail received by modem

Patent Assignee: SONY CORP (SONY ); HIRATA S (HIRA-I)

Inventor: HIRATA S

Number of Countries: 002 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10261251	A	19980929	JP 9764230	A	19970318	199849 B
US 20010013122	A1	20010809	US 9839922	A	19980316	200147
US 6374406	B2	20020416	US 9839922	A	19980316	200232
US 20030079231	A1	20030424	US 9839922	A	19980316	200330
			US 200129238	A	20011228	

Priority Applications (No Type Date): JP 9764230 A 19970318

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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JP 10261251	A	11	G11B-015/02	
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US 20010013122	A1		G06F-013/00	
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US 6374406	B2		H04N-005/50	
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US 20030079231	A1		H04N-007/173	Div ex application US 9839922 Div ex patent US 6374406
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Abstract (Basic): JP 10261251 A

The receiver has a modem (21) which receives an electronic mail transmitted via a network. A CPU (22a) extracts a control command presently inserted into the received electronic mail .

The CPU controls the operation of a predetermined electrical equipment e.g. video deck (27) based on the extracted control command . Preferably, the CPU produces a response electronic mail based on the equipment control operation result.

ADVANTAGE - Ensures accurate and fast controlling of equipment even from remote place, by using control command extracted from received electronic mail .

Dwg.1/11

Title Terms: RECEIVE; ELECTRONIC; MAIL; TELEVISION; RECEIVE; VIDEO; DECK; CONTROL; CPU; CONTROL; OPERATE; PREDETERMINED; ELECTRIC; EQUIPMENT; VIDEO ; DECK; ACCORD; CONTROL; COMMAND; EXTRACT; ELECTRONIC; MAIL; RECEIVE; MODEM

Derwent Class: T01; W01; W04

International Patent Class (Main): G06F-013/00; G11B-015/02; H04N-005/50;

H04N-007/173

International Patent Class (Additional): G06F-015/02; H04L-012/54;

H04L-012/58; H04N-005/7826; H04N-007/10; H04N-007/25

File Segment: EPI

11/5/30 (Item 26 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011805020 \*\*Image available\*\*

WPI Acc No: 1998-221930/199820

XRPX Acc No: N98-175787

Remote management system for operation control of appliances like air-conditioner, illumination units installed in building - has process unit which processes E - mail and outputs process result to central controller as instruction

Patent Assignee: DAIDAN KK (DAID-N)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10063724	A	19980306	JP 96216300	A	19960816	199820 B
JP 3035225	B2	20000424	JP 96216300	A	19960816	200025

Priority Applications (No Type Date): JP 96216300 A 19960816

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
-----------	------	--------	----------	--------------

JP 10063724	A	18	G06F-017/60	
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JP 3035225	B2	18	G06F-017/60	Previous Publ. patent JP 10063724
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Abstract (Basic): JP 10063724 A

The system (11) includes a processing unit (31) which receives an E - mail process request through a network (25). The process unit processes the E - mail and the process result is output to a central controller (33) as an instruction. The central controller sets up the operation schedule, collects information and controls the operation of an appliance based on the instruction .

ADVANTAGE - Shortens processing time. Facilitates operation control of appliances without manual work.

Dwg.2/18

Title Terms: REMOTE; MANAGEMENT; SYSTEM; OPERATE; CONTROL; APPLIANCE; AIR; CONDITION; ILLUMINATE; UNIT; INSTALLATION; BUILD; PROCESS; UNIT; PROCESS; MAIL; OUTPUT; PROCESS; RESULT; CENTRAL; CONTROL; INSTRUCTION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-013/00; G06F-017/28

File Segment: EPI

• 21/5/19 (Item 19 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JARIO. All rts. reserv.

05383832 \*\*Image available\*\*  
AUTOMATIC NUMBERING METHOD USING ELECTRONIC MAIL

PUB. NO.: 08-339332 [JP 8339332 A]  
PUBLISHED: December 24, 1996 (19961224)  
INVENTOR(s): MIYOSHI KAZUAKI  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-169291 [JP 95169291]  
FILED: June 12, 1995 (19950612)  
INTL CLASS: [6] G06F-013/00 ; G06F-013/00 ; H04L-012/54; H04L-012/58  
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 44.3  
(COMMUNICATION -- Telegraphy)

#### ABSTRACT

PURPOSE: To attain an automatic numbering operation at a remote place by utilizing an electronic mail system that can send the messages to the remote places regardless of the difference of architectures or network forms among the machines (computers).

CONSTITUTION: A user desiring an automatic numbering operation sends an electronic mail describing a numbering command to a server machine 2 from a client machine 3-4 via a personal communication network 6, a gateway 5 and an internet 4. The machine 2 actuates a numbering management application program when the electronic mail is received from the machine 3-4. This application program extracts the numbering command out of the electronic mail and has an access to a numbering ledger 1 which stores the hitherto numbering states to perform the numbering operation. Then the result of this numbering operation is informed to the requester machine 3-4 by an electronic mail .

21/5/20 (Item 20 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04553037 \*\*Image available\*\*  
DOCUMENT AUTOMATIC FLOW EQUIPMENT

PUB. NO.: 06-224937 [JP 6224937 A]  
PUBLISHED: August 12, 1994 (19940812)  
INVENTOR(s): KOGURE MAKOTO  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 05-010727 [JP 9310727]  
FILED: January 26, 1993 (19930126)  
INTL CLASS: [5] H04L-012/54; H04L-012/58; G06F-015/20 ; G06F-015/21  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 45.4 (INFORMATION  
PROCESSING -- Computer Applications)  
JOURNAL: Section: E, Section No. 1629, Vol. 18, No. 593, Pg. 99,  
November 11, 1994 (19941111)

#### ABSTRACT

PURPOSE: To eliminate the need for setting of a destination (address) through the operation of an entry device at every transmission of document data.

CONSTITUTION: The document automatic flow equipment has an entry device and when the entry device is operated to enter document data, the document data are stored in a data storage section 15. Furthermore, the flow equipment has a flow path storage section 32 storing data of a document flow path and a document storage device 33 generating a directory for each flow destination and saving the document data of the document being delivered and data of the flow path under the directory for each document. Thus, when the entry device is operated to enter an electronic mail transmission

command , a document flow processing section 35 copies the document data and the data of flow path between relevant directories according to the flow path of the document stored in the flow path storage section 32. Then an arrival document monitor processing section 36 monitors whether or not the document data and the data of flow path transferred to its own directory are in existence.

21/5/21 (Item 21 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04518185 \*\*Image available\*\*  
ELECTRONIC MAIL TERMINAL EQUIPMENT

PUB. NO.: 06-162085 [JP 6162085 A]  
PUBLISHED: June 10, 1994 (19940610)  
INVENTOR(s): HATTORI MICHIMITSU  
FURUICHI SEIICHI  
APPLICANT(s): PFU LTD [366680] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 04-312129 [JP 92312129]  
FILED: November 20, 1992 (19921120)  
INTL CLASS: [5] G06F-015/40 ; G06F-013/00 ; H04L-012/54; H04L-012/58  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 44.3  
(COMMUNICATION -- Telegraphy); 45.2 (INFORMATION PROCESSING  
-- Memory Units)  
JOURNAL: Section: P, Section No. 1799, Vol. 18, No. 489, Pg. 103,  
September 12, 1994 (19940912)

#### ABSTRACT

PURPOSE: To provide the electronic mail terminal equipment which has a function for managing plural kinds of electronic mail lists of each separate other party for transmitting and receiving an electronic mail and each separate time of the transmission/reception processing, etc., and can grasp easily and quickly a transmitting/ receiving state of the electronic mail conforming to an arbitrary intended condition.

CONSTITUTION: The equipment is provided with a retrieving part 5 of an electronic mail for executing a processing for retrieving a transmitting/receiving state of the electronic mail corresponding to a retrieval condition designated by a user and informing an electronic mail list managing part 8 of its result, and a state searching part 4 of the electronic mail for executing a processing for searching the latest state of the electronic mail which executes the transmitting/receiving processing and informing the electronic mail list managing part 8 of its result. In such a state, with respect to an arbitrary electronic mail list for showing the transmitting/receiving state of the electronic mail of a result of processing executed by the state searching part 4 or the retrieving part 5, based on an instruction given from the user, the electronic mail list managing part 8 manages plural kinds thereof by the instruction , and they are updated, based on the latest transmitting/receiving state, and also, can be referred to arbitrarily by the instruction.

21/5/22 (Item 22 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

04344462 \*\*Image available\*\*  
INFORMATION TRANSFER SYSTEM

PUB. NO.: 05-336162 [JP 5336162 A]  
PUBLISHED: December 17, 1993 (19931217)  
INVENTOR(s): YAMAGUCHI GIICHI  
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 04-144371 [JP 92144371]

FILED: June 04, 1992 (19920604)  
INTL CLASS: [5] H04L-012/54; H04L-012/58; G06F-013/00  
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy); 45.2 (INFORMATION  
PROCESSING -- Memory Units)  
JOURNAL: Section: E, Section No. 1527, Vol. 18, No. 165, Pg. 54, March  
18, 1994 (19940318)

ABSTRACT

PURPOSE: To prevent information from being transferred to a user not desired by a sender by allowing the sender to add a command relating to the transfer together with an information destination and allowing an information transfer processing section to implement processing according to the command.

CONSTITUTION: A processing section 4 of an electronic mail equipment 1 receives a delivery command of an electronic mail sent from a terminal equipment 2a being a sender and reads a destination address in a message. Then transfer command data 6 by a terminal equipment 2b being a recipient are checked. When the transfer destination is not commanded, the data are stored in a mail box 5 of the recipient as it is and the processing is finished. When a transfer command of the transfer command data 6 comes, that is, the destination of the 3rd user is designated in advance by the recipient the command of the disapproved transfer of the electronic mail sent by the terminal equipment 2a is checked. When the disapproved transfer is commanded, the electronic mail is not transferred and the electronic mail is aborted.

21/5/23 (Item 23 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

04097219 \*\*Image available\*\*  
DATA PROCESSING METHOD FOR HOST COMPUTER

PUB. NO.: 05-088919 [JP 5088919 A]  
PUBLISHED: April 09, 1993 (19930409)  
INVENTOR(s): KOSHO SHINJI  
APPLICANT(s): ASHISUTO MICRO KK [000000] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 03-205940 [JP 91205940]  
FILED: August 16, 1991 (19910816)  
INTL CLASS: [5] G06F-009/46 ; G06F-013/00  
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);  
45.2 (INFORMATION PROCESSING -- Memory Units)  
JAPIO KEYWORD: R131 (INFORMATION PROCESSING -- Microcomputers &  
Microprocessors)  
JOURNAL: Section: P, Section No. 1589, Vol. 17, No. 432, Pg. 157,  
August 10, 1993 (19930810)

ABSTRACT

PURPOSE: To supply various services to each terminal equipment accessing a network with multiple tasks by discriminating the processing state of a process based on the operation history at the time of supply of process switching information from the terminal equipment.

CONSTITUTION: When the terminal equipment sends a picture switching command for reception of electronic mail service to a host system on the way of reception of a prescribed service, an F shell 6 checks the processing state of a mail processing process 5-1. If the process 5-1 is not started yet it is set to the start state. If the process 5-1 is already started and is in the input/output wait state, the F shell 6 reads out the history information of the process 5-1 from a storage means and sends the picture information, which indicates the processing state interrupted before, to the terminal equipment. The restarted mail processing process 5-1 sends an input/output request to the F shell 6, and the F shell 6 sends the processing result to the processing process 5-1.

21/5/24 (Item 24 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

03152356 \*\*Image available\*\*  
KEY MANAGEMENT DEVICE

PUB. NO.: 02-127856 [JP 2127856 A]  
PUBLISHED: May 16, 1990 (19900516)  
INVENTOR(s): FUJITA TSUTOMU  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 63-280284 [JP 88280284]  
FILED: November 08, 1988 (19881108)  
INTL CLASS: [5] H04M-011/00; G06F-015/21 ; H04M-003/42  
JAPIO CLASS: 44.4 (COMMUNICATION -- Telephone); 36.4 (LABOR SAVING DEVICES  
-- Service Automation); 45.4 (INFORMATION PROCESSING --  
Computer Applications)  
JOURNAL: Section: E, Section No. 960, Vol. 14, No. 362, Pg. 61, August  
06, 1990 (19900806)

#### ABSTRACT

PURPOSE: To operate an electronic mail device automatically in interlocking with the key management operation by connecting the key management device and the electronic mail device via a transmission line, outputting the corresponding electronic mail automatically in interlocking with the extraction of a key and outputting a power interruption command of the corresponding electronic mail device in interlocking with the return of the key.

CONSTITUTION: When a magnetic card carried by a tenant resident is inserted to a card reader 2, a password is collated, a correspondent mail box 1 is unlocked in the case of coincidence to attain the extraction and return of the key. When the tenant resident extracts the key from the mail box 1, a power application command is outputted to the correspondent electronic mail device 5 in interlocking with the extraction and an electronic mail is outputted automatically. When the key is returned in the mail box, a power interruption command of the correspondent electronic mail device 5 is outputted in interlocking therewith. Thus, power application to the electronic mail box, mail output and power interruption in interlocking with the extraction/return of the key from/to the mail box are implemented automatically timely without manual intervention.

21/5/63 (Item 39 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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011127243 \*\*Image available\*\*

WPI Acc No: 1997-105167/199710

XRPX Acc No: N97-086988

Automatic document management method using electronic mail - involves notifying result to client machine corresponding to command in electronic mail received by server machine through network

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8339332	A	19961224	JP 95169291	A	19950612	199710 B

Priority Applications (No Type Date): JP 95169291 A 19950612

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8339332	A	7		G06F-013/00	

Abstract (Basic): JP 8339332 A

The method involves transmission of electronic mail de-

scribing the command to a server machine (2) from a number of client machines (3-4) through a personal computer communication network (6), a gate way (5) and an internet (4). The server machine notifies the reception of the electronic mail to that particular client machine.

The server machine is equipped with a management application program to extract the command in the electronic mail. A ledger (1) storing the present situation is accessed by the server machine. The electronic mail describing the result is transmitted to the server machine corresponding to the command received from the client machine.

ADVANTAGE - Enables to manage documents automatically from remote place through various networks having different network architecture. Performs management using common computers such as personal computer equipped with electronic mail function.

Dwg.1/6

Title Terms: AUTOMATIC; DOCUMENT; MANAGEMENT; METHOD; ELECTRONIC; MAIL; NOTIFICATION; RESULT; CLIENT; MACHINE; CORRESPOND; COMMAND; ELECTRONIC; MAIL; RECEIVE; SERVE; MACHINE; THROUGH; NETWORK

Derwent Class: T01; W01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): H04L-012/54; H04L-012/58

File Segment: EPI

21/5/64 (Item 40 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010296486 \*\*Image available\*\*

WPI Acc No: 1995-197746/199526

XRPX Acc No: N95-155263

Electronic mail system - performs operation of E - mail , according to received operation command demand

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7115433	A	19950502	JP 93261060	A	19931019	199526 B

Priority Applications (No Type Date): JP 93261060 A 19931019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 7115433 A 9 H04L-012/54

Abstract (Basic): JP 7115433 A

The E - mail system includes an E - mail control device (11) incorporated in a host computer (10). A communication control part (12) inside a control device receives an operation command demand, including the communication protocol, transmitted from a terminal equipment (A). The protocol transmitted is analyzed by an operation command analysis part (13) and an operation demand is obtained.

An operation checker (15) estimates the E-mail whether the operation attribute to set up in the definition file (17) beforehand. If the operation command demand produced by operation command analysis part is contradictory, command respond assembly part (14) transmits an error command to terminal equipment. If the result is not contradictory, then operation processing part (16) operates the E-mail in the electronic mail file M-80.

ADVANTAGE - Provides high reliability. Performs operations efficiently.

Dwg.1/6

Title Terms: ELECTRONIC; MAIL; SYSTEM; PERFORMANCE; OPERATE; MAIL; ACCORD; RECEIVE; OPERATE; COMMAND; DEMAND

Derwent Class: T01; W01

International Patent Class (Main): H04L-012/54

International Patent Class (Additional): G06F-013/00 ; H04L-012/58

File Segment: EPI

21/5/65 (Item 41 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009413907  
WPI Acc No: 1993-107418/199313  
XRPX Acc No: N93-081709

**Method for interchange of electronic in-basket mail - requiring travelling users to access computer with communication link to their home-based system**

Patent Assignee: ANONYMOUS (ANON )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 346046	A	19930210	RD 93346046	A	19930120	199313 B

Priority Applications (No Type Date): RD 93346046 A 19930120

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RD 346046	A	1	G06F-000/00	

Abstract (Basic): RD 346046 A

There has been an abundant use of facsimile machines by businesses. Typically, hotels, restaurants, airports, etc. have facsimile machines available for the general public. Users retrieve specific electronic mail items which are sent to them via a facsimile device. The facsimile device is used to access their **electronic mail** service. Users direct **commands** to a mail system via the facsimile device. Specific mail items are transferred over asynchronous links to facsimile devices; thus users access their electronic mail baskets remotely.

A special Mail Form Processor (FMFP) Service receives facsimile documents and determines if they are specialised form document. The facsimile document is received as basic image documents. Invocation of a Form Evaluation Service determines if the document is of a designated form type. This allows users to carry these paper forms, instead of a computer, and to receive their mail remotely. The service allows user to request a post operation function. The users may have the confirmation notices sent to the originator after a successful facsimile transmittal of the message. This method takes the approach of integrating textual mail entries with image documents for electronic mail access. This method allows existing facsimile machines to be utilised for **electronic mail commands**.

**ADVANTAGE** - Enables FAX machine to direct commands to user's **electronic mail** system.

Dwg.0/0

Title Terms: METHOD; INTERCHANGE; ELECTRONIC; BASKET; MAIL; REQUIRE; TRAVEL ; USER; ACCESS; COMPUTER; COMMUNICATE; LINK; HOME; BASED; SYSTEM

Derwent Class: T01; W02

International Patent Class (Main): G06F-000/00

File Segment: EPI

028622

**Users demanding help in managing big E-mail nets**

Byline: Bob Brown, Senior Editor and Wayne Eckerson, Senior Editor

Journal: Network World Page Number: 1

Publication Date: February 08, 1993

Word Count: 972 Line Count: 70

Caption(s): Graphic, Levels of multivendor E-mail management, by Susan J. Champeny

Text:

Gregg Lauderbaugh, project manager for Baxter Healthcare Corp., learned it's easier to build a corporate E-mail network than manage one.

To support multiple electronic mail systems and 5,000 users worldwide, Baxter has been forced to develop its own programs that track addresses and equipment and ensure acceptable uptime and reliability.

"We've had to build our own tools to automate and manage our E-mail network because there are few products on the market," Lauderbaugh said.

Other users agreed and said they have started pushing suppliers to deliver new management tools. Vendors are starting to respond, but they acknowledge there is much work to be done.

Given the growing size, complexity and strategic importance of E-mail nets, as well as the downsizing of mainframe- and minicomputer-based mail systems to local-area nets, management is becoming a critical issue.

"E-mail is expected to be used increasingly to carry strategic business information and to transport commands between applications," said John Rymer, a vice president at the Patricia Seybold Group, Inc., a Boston consultancy. "Without management, this type of messaging won't fly."

Users want products that can centrally update directories, monitor traffic and control E-mail net components, such as gateways and message transfer agents (MTA). They also want tools for handling chargebacks, file attachments and remote users, as well as have such tools be better integrated with existing management systems.

Toward that end, Baxter has designed one program that automatically checks the status of modem pools dedicated to remote E-mail users and another for updating its central and outlying E-mail directories. One of the few commercial products it uses is an offering from Automated Business Solutions, Inc. of Columbia, Mo., that monitors communication between the company's E-mail hub and remote post offices.

The biggest headache for JP Morgan & Co., which has seven E-mail systems serving 14,000 employees worldwide, is keeping directories synchronized.

"Managing directories is time-consuming and requires lots of manual intervention," said Penny McLaughlin, manager of global messaging and E-mail integration at JP Morgan.

The firm has written batch programs for updating individual directories and storing updates centrally, but remote LAN administrators must import the changes to their local mail systems.

An E-mail manager at another Northeastern financial services firm who requested anonymity said E-mail vendors need to provide tools that can "isolate application problems from network problems." Several times, E-mail server files have been corrupted by what the E-mail manager suspected were network bugs.

Chuck Stegman, product manager for Lotus Development Corp.'s cc:Mail division, said most E-mail vendors are only beginning to deploy tools for monitoring their own E-mail systems, never mind other vendors' (see graphic, page 1).

The cc:Mail division is building features into its E-mail software that automate administrative procedures, such as handling backups of remote E-mail servers and deleting old messages. For integrated net and E-mail management, Stegman said some users want cc:Mail to incorporate Simple Network Management Protocol agents so users could monitor the status of both E-mail and network components via existing SNMP-based managers.

Retix, a Santa Monica, Calif., E-mail software vendor, has also jumped into the management fray with new software that uses Retix X.400 gateways

to enable directory synchronization across multiple E-mail systems.

Another new package provides centralized management of the company's OpenServer 400 MTAs and will be enhanced to support other vendors' MTAs.

Hewlett-Packard Co. plans to support E-mail management under its OpenView net management platform and has demonstrated an OpenView application for managing HP X.400 MTAs. HP is working with users to determine which features to support and has yet to set a date for product availability.

Soft-Switch, Inc. of Wayne, Pa., offers Mail Monitor, a personal computer-based tool that ensures E-mail net components are active and details how long it takes messages to reach their destination.

While Mail Monitor lets administrators respond more quickly to problems, it does not isolate, troubleshoot or give managers the ability to resolve them. Soft-Switch has begun to provide some of those tools in its Unix-based Enterprise Mail Exchange hub.

More E-mail management help is on the way from the standards community. The International Federation of Information Processing, a professional group, is attempting to put together a set of multivendor E-mail management standards by midyear, which it hopes to see adopted as an international standard.

01512364 SUPPLIER NUMBER: 12222031 (THIS IS THE FULL TEXT)  
Networld Boston. (upgrade was the watchword at the skit-studded expo)  
Brambert, Dave; Schnaidt, Patricia  
LAN Magazine, v7, n5, p155(3)  
May, 1992  
ISSN: 0898-0012 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2036 LINE COUNT: 00157

TEXT:

The saying goes, "You never get a second chance to make a first impression." Attendees at NetWorld Boston, held at the Hynes Convention Center, were greeted on the main floor by a bunch of clowns-at the Novell booth. That should be explained: the Novell theme this year, quite literally, was a circus. Complete with clowns in big shoes. Novell's presentation covered the three rings of network management: enterprise, network, NetWare.

The Novell booth was symptomatic of a greater trend toward blustery skits at this year's Boston expo, a trend continued from the Dallas show. Sit through the presentation, get a hat, a T-shirt, or a stuffed animal. WordPerfect hats were rampant. Novell stuffed animals roved the floor. Microsoft gave out shirts after attendees watched the show's most entertaining Presentation, an interactive video featuring a character based on Captain Kangaroo's "Fred on Channel One." Some skits just got the company image across, like the seafaring one at Digital Equipment Corp.'s (DEC) booth. Some were just nasty to the competition, like Sitka's mudslinging fest touting 10Net, which it licenses from Tiara, which bought it from DCA. It is, after all, an election year.

While NetWorld is a product showcase, much more is included in the package. Vendors and publications sponsored a surfeit of parties. Multitudinous awards ceremonies took place, including for LAN Magazine's own Products of the Year. Meetings and press conferences were booked almost around the clock. Certification programs-Novell's CNE and Landa's Netwerc-had a big presence, and the number of participants in each are growing quickly. (If every CNE lost 20 pounds on a diet, the total weight lost could make 1,500 new, average adults.)

PRE-SHOW FLU

With visions of the Michaelangelo virus dancing in its head, the mammoth Novell booth fell victim to a virus just before show opening. The nearby Cheyenne Software booth was within earshot, and Cheyenne staff went to the Novell exhibit to help the ailing LAN. It seems Cheyenne is working on a new anti-virus product. You might guess the rest; it was quite a way to beta test software, but it worked. Relieved Novell techs offered thanks for avoiding disaster.

ON THE FLOOR

On the trade show floor, it was hard to tell who had the most acreage: Novell, Microsoft, IBM, or DEC. All were packed to capacity, excepting a slow spell on the first day of exhibits. More than 30,000 people braved the bitter cold winds of Boston to see 365 companies hawking their latest LAN wares. That's up 10,000 from last year, despite the deepening recession. (No Bank of New England attendees this year.) In order to see every vendor on the show floor, a frenzied attendee would have to spend 30.4 seconds at each booth, not counting the booths that were tucked away in a ballroom at the Sheraton next door to the convention center.

Probably the biggest news happened just prior to the show, which was in sharp contrast to last year's fun of actually having news at the show. Reporters fondly recalled the good old days of the IBM/novell and Lotus/cc:Mail deals, announced at the last NetWorld. But really-big-news-sniffing hounds had to be satisfied with Novell's pre-show announcement of its NetWare Management Services, a graphical network management application designed to run on Windows and OS/2. NetWare Management Services offers central monitoring, mapping, and control of network resources and serves as a framework for adding functionality.

For NetWorld, Novell broke the news that it is strengthening its existing relationship with DEC, rounding out its alliances with the host of

major minicomputer vendors. DEC will support NetWare via Pathworks as a part of the companies' pact to "meet customer needs for increased ease of use and interoperability between products." NetWare services will be available on Pathworks for VMS, Ultrix, and OSF/L.

DEC made a similar agreement with Novell for Microsoft. Microsoft will license Windows NT to DEC, and DEC will include Windows NT as client and server options for Pathworks. DEC will also resell Microsoft's networking products.

#### THE REWARDS OF PATIENCE

In the "It's Finally Here" category, Datapoint announced the availability of ArcnetPlus. It took almost a decade after John Kennedy announced a goal of sending a man to the moon for it to happen. ArcnetPlus beat NASA by about seven years. The Datapoint press conference was crowded with Arcnet vendors; some trade press also attended the SRO event. Of the latter, one or two of the more vituperative sorts pounded Datapoint director of marketing Robert Hollingsworth with questions; Hollingsworth handled these outbursts with aplomb.

For those who have forgotten, ArcnetPlus is a 20Mbps technology that is backwardly compatible with standard Arcnet. When used on a network, an ArcnetPlus node will communicate at 20Mbps with another ArcnetPlus node and at 2.5Mbps with a regular Arcnet node. The hardware comes with software drivers for NetWare 2.2 and 3.11 and works in 8- or 16-bit mode. The goods are available and shipping now.

The ArcnetPlus PC LAN Adapter lists for \$995. Two hubs-one five port and one 16-port-list for \$1,195 and \$2,995, respectively. Datapoint certainly isn't lowballing with these prices, and they're not the only game in town (don't forget Thomas-Conrad's 100Mbps Arcnet-like TCNS), but the market has a wonderful resiliency in making room for new products. Hollingsworth and company are busy making deals with distributors to carry the products. According to Hollingsworth, "I can't say who, but we are talking with regional distributors who specialize in LANS." Vitek, Westcon, and PDCistributing come to mind. Datapoint plans to sell its chip sets to interested manufacturers.

#### PALM IT

You're on the road, making contacts, harvesting telephone numbers, and furiously entering them into your Sharp Wizard. But when you get back to the office, what do you do? The contact information sitting in your Oracle database in the office has become outdated, and your two versions are out of sync. Oracle and Sharp have forged an alliance to end your worries. With Oracle's PalmLink, you can link your Sharp Wizard to an Oracle Card application. Oracle Card is a graphical application development environment that interfaces with the Oracle database.

Oracle Card can also link to Oracle\*Mail, Lotus cc:Mail, and Microsoft Mail through the company's Post Card. With the Post Card API, developers can include messaging into Oracle Card applications. Oracle Card users can send and retrieve images, files, and text. They can even do so from their Sharp Wizards.

#### LOADING ZONE

Tape backup has come a long way in the past few years. Several companies have written good software that automates the backup process from a "thinking" point of view. But in all the clamor of automating processes, we sometimes forget about automating the mechanics of certain tasks. That's what two companies-Palindrome and ADIC-offered at NetWorld.

Palindrome is shipping its FAST 5000 AutoLoader tape driver, loader and software system for NetWare. The unit itself is in a vertical configuration, holds 10 tapes, and changes them automatically, jukebox-style, allowing unattended backups. Backup capacity is 50GB. The software knows where all the files are hiding, and the mechanism puts in the correct tape. Commands are sent via MHS, so users can send requests to the unit via e-mail.

This firm also announced that its software, The Network Archivist, will be available in a NetWare Loadable Module (NLM) version, but it isn't saying when. Company sources say it isn't a response to Cheyenne's Arcserve. What's nice is that The Network Archivist is compatible with all of the Palindrome family of tape drives, including the AutoLoader. ADIC'S new product, dubbed the Autochanger, is currently available for NetWare networks and holds up to 96GB. It's based on HewlettPackard's 4mm data compression drive and handles 12 data cartridges. The combo platter in this

case is ADIC hardware and Cheyenne software. Cheyenne says this is not a response to Palindrome.

#### GOING UPSCALE

NetWorld is always a good place to recalibrate your industry compass. 3Com is back on the charts with a \$75 million bullet. Just prior to NetWorld, that price bought 3Com the data networking products business of U.K.-based BICC Group. (The deal was \$25 million in stock plus 500,000 shares of 3Com common stock. See "Channel News" on page 208.)

So now 3Com has the Isolan product line that includes Ethernet and FDDI equipment, repeaters, bridges, transceivers, and network management, but not wireless LANs. Security was the issue at the chain linked 3Com booth, and Linkbuilder 3ECS hub/security system, originally a BICC product, was the feature. With the acquisition of products and channels, 3Com now is poised for organization-wide product growth.

The "E" word (enterprise) was on the lips of personnel at the D-link booth. It is moving upmarket also, with a line of local and remote bridges that offer a filtering rate of 20,000 packets per second, and a forwarding rate of 12,000 packets per second. Another new product, D-view SNMP management software that works in the Windows 3.0 environment, will manage all local and remote internetworking devices.

Card and hub vendors are still having a good time, but everyone is claiming to sell more than anyone else. Who's right is less important than what's new. Thomas-Conrad, for instance, released its shielded twisted-pair version of TCNS cards. It also announced a new Micro Channel version of the card. You get 100mbps today, without waiting for the standards committees to decide the details of FDDI over copper.

#### BUNDLE UP

The latest addition to the bundled world of network starter kits is the Eagle/Futurus alliance. Eagle was one of the first out of the box with a network-in-a-box; NetWare Lite, cables, and cards. Meanwhile, Xircom puts out cables, pocket adapters, NetWare Lite, and NoteWork E-mail in a box that opens suspiciously like a box of Legos. Eagle's answer is to include Futurus' Lite Mail software. Eagle's nest may be intertwined with Novell's aerie, but they are flying fine on their own. The bundle, Eagle hopes, will add to its significant sales of Ethernet products.

Other companies broke new ground as well. Brightwork Development, for instance, has always been interested in providing network enhancement products. Now the company has released software called LAN Server Watch, a management oriented product for minimizing server downtime. The product monitors normal and abnormal performance of NetWare 2.x and 3.x LANs. Yes, there are plenty of other monitoring products out there, but the price is low (\$695 per server), and technical jargon is mercifully translated for the LAN administrator. It automatically sets alarm thresholds, too, but these can be customized. It's based on Windows 3.0, and problems are solved using a "problem ticket" metaphor.

Cheyenne introduced FAXserve, a fax server system that runs on the file server as an NLM. You get what you might expect from such a package: scheduling for off-peak hours, audit trail capability, Intel compatibility, and more. The fact that the product is an NLM lets NetWare come into play. For example, audit trails can be hooked into the NetWare accounting feature; scheduling can be tied into the NetWare queuing system. Bindery rights dictate who can see the log or distribute incoming faxes. You can use MHS e-mail to transmit messages, too.

The best product that was not at the show was the stuff good rumors are made of. It was thrown around that Novell is currently working on a server that will handle up to 2,700 workstations. Yes, all that goes on a single server. But will it handle as many NLMS?

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File 80:TGG Aerospace/Def.Mkts(R) 1986-2000/Aug 23  
(c) 2000 The Gale Group  
File 111:TGG Natl.Newspaper Index(SM) 1979-2000/Aug 23  
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Set	Items	Description
S1	3146883	REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB - OR (WIDE OR LOCAL) ()AREA()NETWORK? OR WAN OR DISTANT OR DISTR- IBUT?
S2	641874	SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3	3308966	COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR - SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN?()ON
S4	2057427	CONTROLLER? OR MANAGER? OR DIRECTOR?
S5	3721251	DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR - APPARATUS OR EQUIPMENT?
S6	1203688	APPLIANCE? ? OR (HOME OR HOUSE) (3N)APPLIANCE? OR STOVE? ? - OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7	257	ELECTRIC?()POWER()GRID? ?
S8	2446	(SMART OR INTELLIGENT) (3N) (HOUSE? OR HOME?)
S9	4302973	EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH? OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10	404120	(ELECTRONIC OR E OR VIRTUAL) (3N) (MAIL OR MESSAGE? OR DATA - OR INFORMATION) OR EMAIL
S11	55	S8(S)S10
S12	19	S11 NOT (PY=>1997 OR PD=>970318)
S13	19	RD S12 (unique items)
S14	6832	S1(5N)S2(3N)S3
S15	243932	S4(S) (S5 OR S6 OR S7)
S16	45447	S9(5N)S10
S17	1	S14(S)S15(S)S16
S18	1	S14(S)S15(S) (USING OR VIA) (3N)S10
S19	1	S18 NOT S17
S20	149	S14(S)S15
S21	6	S20(S)S10
S22	6	RD S21 (unique items)
S23	4	S22 NOT (S13 OR S17 OR S19)
S24	1	S11(S)S14

13/3,K/1 (Item 1 from file: 16)  
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04700148 Supplier Number: 46918371 (USE FORMAT 7 FOR FULLTEXT)

The ultimate home PC  
U.S. News & World Report, p90  
Nov 25, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; General Trade  
Word Count: 1965

... describe the phenomenon is "convergence."  
Besides being the usual generator of reports, homework, newsletters and E-mail and a Web center, a convergent PC can be a telephone center that will take...

...it might make coffee. Computer makers envision the machine as the command center for the "smart house ." It would set burglar monitoring systems, turn off lights and, yes, brew your morning cup...

13/3,K/2 (Item 2 from file: 16)  
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04687311 Supplier Number: 46899400 (USE FORMAT 7 FOR FULLTEXT)

Internet smart phone dials new markets  
Electronic Engineering Times, p90  
Nov 18, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1344

Financial programs, including home banking and stock trading, along with e-mail are good applications for a device that combines telephony features with computing and Internet-access...

...migrated to both the telephone touch-tone pad and the computer, requiring two devices for home access. The Internet smart phone brings all the necessary capabilities together in one device.

Moreover, combining voice and e...

13/3,K/3 (Item 3 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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04496142 Supplier Number: 46603184 (USE FORMAT 7 FOR FULLTEXT)  
Survey Results Provide First Benchmark View of Networking in San Mateo and Santa Clara County K-12 Schools; Results provide insight about areas needing additional focus.  
Business Wire, p08051035  
August 5, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 833

... Mateo County Superintendent of Schools.  
For additional information  
The networking survey can be accessed via Smart Valley's home page on the World Wide Web at, <http://www.svi.org/>. For additional information about Smart Valley's SmartSchools projects, contact Kathie Blankenship at 408/562-7795 or by email at KathieB@svi.org.  
About Smart Valley  
Smart Valley, Inc. is a non-profit organization...

13/3,K/4 (Item 4 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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04132189 Supplier Number: 46030296

**Wired for Profit**

Inc., p71

Jan, 1996

Language: English Record Type: Abstract

Article Type: Industry overview

Document Type: Magazine/Journal; General

**ABSTRACT:**

...researchers may want Dow Jones News/Retrieval or Profound for business news. International Digital Intelligence, **home** of **Smart** Site, offers a network of tools to help clients get an approach to the Internet...

...for growing companies listed; services, products, experiences of various companies, online college degree, online banking, **e-mail** discussed; special how-to advertising section gives information about the Internet and other online services...

13/3,K/5 (Item 5 from file: 16)  
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04090437 Supplier Number: 45960509 (USE FORMAT 7 FOR FULLTEXT)

**NetWare Coming to a TV Near You**

CommunicationsWeek, p19

Nov 27, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 249

... camera in the home, including remote control of the camera, lights and VCR; and an **intelligent** **home** -security system. Wireless paging, remote access to Novell's GroupWise schedules, **electronic** **mail** exchange and remote document processing and printing also were part of the demonstration.

The partnership...

13/3,K/6 (Item 6 from file: 16)  
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04082640 Supplier Number: 45946964 (USE FORMAT 7 FOR FULLTEXT)

**Intelligent Technologies Inc.** premiers IntelliBots 1.0 for Macintosh; Newly released version makes learning computer programming and architecture fun for all ages.

Business Wire, p11201016

Nov 20, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 440

... Jack Reeve P.O. Box 2022 Orem, UT 84059-2022 Phone/Fax: 801/763-8690 **EMail** : IT11@aol.com (or IT11 if you have an AOL account)  
WWW: [HTTP://www.xmission.com/intltech/home.html](http://www.xmission.com/intltech/home.html)

**Intelligent** Technologies is in the business of increasing computer skills and knowledge through the creation of...

13/3,K/7 (Item 7 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)

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04076374 Supplier Number: 45936245 (USE FORMAT 7 FOR FULLTEXT)  
**NOVELL(R) AND STELLAR(TM) ONE PARTNER TO CONNECT TV SET-TOP BOXES TO SMART GLOBAL NETWORKS**  
PR Newswire, p1113SJM003  
Nov 13, 1995  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 881

... remote camera control, remote operation of home systems including lights and a VCR, and an intelligent home security system. The demonstration also highlights wireless paging, remote access to office GroupWise schedules, e-mail , and remote document processing and printing.

"This unique demonstration shows how consumer and networking technology..."

13/3,K/8 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03868667 Supplier Number: 45554824 (USE FORMAT 7 FOR FULLTEXT)  
**NABISCO NET BRINGS SWEET SUCCESS**  
CommunicationsWeek, p1  
May 22, 1995  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1218

... more efficiently.

This all comes together through an Executive Information System. Using Microsoft's MS-Mail electronic -mail system as the transport, homegrown intelligent agents fetch business-related information from news wires, sales and revenue data from ISIS, and...

13/3,K/9 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03818875 Supplier Number: 45452079 (USE FORMAT 7 FOR FULLTEXT)  
**One-piece Aptiva may land in U.S.: IBM USING ITS OWN CPUs**  
Computer Retail Week, p1  
April 3, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 540

... by the fall. Other technologies IBM alluded to included 3-D surround wavetable audio, "interactive smart house " and voicesynthesized electronic mail . He declined to discuss specifics.

But Garcia last week acknowledged that IBM has been slow...

13/3,K/10 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03571091 Supplier Number: 45019413 (USE FORMAT 7 FOR FULLTEXT)  
**CEO INTERVIEW- PAUL M. OLSON, CABLE DESIGN TECHNOLOGIES CORPORATION (CDTC)**  
Wall Street Transcript Digest, v14, n12, pN/A  
Sept 26, 1994  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade

Word Count: 301

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and CEO of Cable Design Technologies Corporation (CDTC), a designer and manufacturer of technologically advanced electronic data transmission cables made of copper, fiber optics and copper/fiber optic composites. The Company's...

...cable products will continue as their leading revenue gainer, and that beyond networking, there is 'smart house /smart buildings' --cable is going to be installed by both the communications industry and the cable...

13/3,K/11 (Item 11 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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03469250 Supplier Number: 44844570 (USE FORMAT 7 FOR FULLTEXT)

Symantec-Joins Smart Valley Consortium

Interactive Facts, v1, n17, pN/A

July 18, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 282

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...award-winning pcANYWHERE for mobile professionals and telecommuters complements the Smart Valley mission as Internet, e-mail and other communications connections to computers become common." Smart Valley, Inc. is a nonprofit organization...

...that will benefit all sectors of Silicon Valley: education, healthcare, local government, business and the home . Smart Valley, Inc. is affiliated with Joint Venture: Silicon Valley Network, a broad-based, grass roots...

13/3,K/12 (Item 12 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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02797097 Supplier Number: 43756170

Battles Loom for Control Of TV's Portal to Cable

The New York Times, p17

April 3, 1993

Language: English Record Type: Abstract

Document Type: Newspaper; General

ABSTRACT:

...cable box/computer set-top devices to become the portal through which video signals and electronic information can flow into and out of the home . 'Smart TV' devices would provide interactive control and allow viewers to rapidly access programs on desired...

13/3,K/13 (Item 13 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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01043322 Supplier Number: 41150400 (USE FORMAT 7 FOR FULLTEXT)

DEAR SENATOR

VARbusiness, p14

Feb, 1990

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 281

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...office system supplied to Senator Armstrong and nearly 100 other legislators in the Senate and House of Representatives by Intelligent Solutions Inc., a Falls Church, Va., VAR for Applied Digital Data Systems Inc. (ADDS), Hauppauge...

...a Social Security check and the staff must see that a replacement is sent), scheduling, e-mail to the home office and word processing, according to Diane Hazzard, director of sales and...

13/3,K/14 (Item 14 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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01019457 Supplier Number: 41116360

Behold the big surprises in store from the future of EDI  
Computerworld, p48  
Jan 15, 1990

Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Tabloid; Trade

ABSTRACT:

Electronic data interchange (EDI) will be used in such applications as electronic funds transfer, smart cards and...

...Institute for Alternative Futures. EDI will be incorporated into expert systems and through them into 'smart' buildings, offices and homes. EDI will make single-step database access possible. It will also allow real-time market...

13/3,K/15 (Item 1 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)  
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02329751

Here comes the fiber-optic home  
New York Times (National Edition) November 5, 1989 p. f1,f15  
ISSN: 0362-4331

...local telephone exchanges. Their expansion to the private home could open a range of residential electronic information services such as on-line shopping, electronic delivery of an entire newspaper, a new generation of smart home appliances, home banking, picture telephones, and electronic mail. The fiber-optic cables in the homes would be tied into a network of fiber...

13/3,K/16 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04636587 SUPPLIER NUMBER: 18868229 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The ultimate PC. (converged personal computers)(includes related articles)

Thomas, Susan Gregory

U.S. News & World Report, v121, n21, p90(7)

Nov 25, 1996

ISSN: 0041-5537 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2089 LINE COUNT: 00158

... describe the phenomenon is "convergence."

Besides being the usual generator of reports, homework, newsletters and E-mail and a Web center, a convergent PC can be a telephone center

that will take...

...it might make coffee. Computer makers envision the machine as the command center for the "smart house." It would set burglar monitoring systems, turn off lights and, yes, brew your morning cup...

13/3,K/17 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04562493 SUPPLIER NUMBER: 18589896

**Smart Home Manager. (Surado Solutions' Smart Home Manager personal finance software) (Software Review) (Evaluation) (Brief Article)**

Kahney, Leander

PC/Computing, v9, n9, p232(1)

Sep, 1996

DOCUMENT TYPE: Evaluation Brief Article ISSN: 0899-1847

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 274 LINE COUNT: 00024

... the family can have an individual account with password access to their own records. Send e-mail between family members and attach external files such as video file formats. The downsides: The interface could be more attractive and the online help a little clearer. Overall, however, Smart Home Manager helps you better manage the game of life.

13/3,K/18 (Item 3 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2000 The Gale group. All rts. reserv.

02668810 SUPPLIER NUMBER: 03754490 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**AT&T. The right choice. (Part two of two parts - Special supplement to May issue)**

Modern Office Technology, v30, pS1(37)

May, 1985

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 16412 LINE COUNT: 01375

... the-art communications technology. We began as part of the team that built the largest electronic information system in the world--the AT&T telecommunications network. We're in the forefront of innovation in communications-based information systems, from premises controllers to intelligent networks, from "smart" telephones for the home to integrated business systems linking tens of thousands of people and machines.

We're not...

13/3,K/19 (Item 1 from file: 111)  
DIALOG(R)File 111:TGG Natl.Newspaper Index(SM)  
(c) 2000 The Gale Group. All rts. reserv.

03985777 Supplier Number: 14650985

**TCI eyes 'smart home' design plan with Microsoft and PG&E.  
(Tele-Communications Inc., Pacific Gas and Electric, and Microsoft Corp.  
to link electronic information services in Walnut Creek, California  
homes)**

Lippman, John

Los Angeles Times, v112, Wed ed, col 5, pD2

Nov 10, 1993

ISSN: 0458-3035 LANGUAGE: English RECORD TYPE: Citation  
COLUMN LENGTH: 9 col in

**TCI eyes 'smart home' design plan with Microsoft and PG&E.  
(Tele-Communications Inc., Pacific Gas and Electric, and Microsoft Corp.**

to link electronic information services in Walnut Creek, California  
homes)

17/3,K/1 (Item 1 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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06937327 Supplier Number: 58467763 (USE FORMAT 7 FOR FULLTEXT)

**Christian Dutoit. (Brief Article)**

BERGER, ROBIN

Electronic Media, v18, p24

Dec 13, 1999

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 253

... service, after advising French satellite provider AB Group on the launch of its ABSat pay TV package. Mr. Dutoit also worked as general manager of TC1's LCI news service and director of production at La Cinq, France's first commercial TV network , which ceased operations in 1995.

New services: "We're planning to send select headlines to individual e-mail addresses; stream news reports, interviews and talk shows and..."

19/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05684563 Supplier Number: 53110776 (USE FORMAT 7 FOR FULLTEXT)  
**NETWORK HEALTH REMEDIES FRAME RELAY BOTTLENECKS. (Southwest Airlines'**  
**network of reservation centers) (Company Operations)**  
Cravotta, Nicholas  
Network, pNA(1)  
April 1, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 3462

... already installed in the network. Data collection is independent of vendor technology, and information on **devices** from different companies is compiled into a single report. The information is collected into an...

...morning or posted to a password-protected Web page. Reports can also be customized, and **Network Health** can generate and **send via e-mail** monthly **executive summaries** to high-level **managers**.

"I think one of the most important and useful features of Network Health is that..

23/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06173725 Supplier Number: 54028823 (USE FORMAT 7 FOR FULLTEXT)

newsmakers.

Health Industry Today, pNA

Jan, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Professional Trade

Word Count: 808

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...subscribers, provided those subscribers assume full responsibility for handling their own letters of inquiry. Please send notices of **executive**, manufacturer, representative and **distributor** searches, placements and promotions to: Health Industry Today, 5350 S. Roslyn St., Suite 400, Englewood, CO 80111-2125. FAX (303) 290-9025. E -Mail HIT@Businessword.com. \* Bioject Medical Technologies, Inc.: Bradley J. Enegren has been named president and...

...system for diabetes patients for the Portland, Ore.-based firm. Enegren previously served as managing **director** of Arrow International and spent two years as **director** of marketing and business development for Boston Scientific, Inc. He began his career in the...

...solutions. Atkin, a native of the United Kingdom, joined Ohmeda in 1994 as a plant **manager** and was appointed vice president of operations in 1995. His background includes semiconductor research and...

...manufacturer of OLIGON(tm), a polymer-based technology for the manufacture of infection-resistant medical **devices**, has announced the hiring of Edward W. Kelley as president and CEO. Kelly has more than 20 years of medical **device** experience, including five years as president of Davol, Inc., a subsidiary of C.R. Bard, Inc. He was also the general **manager** of Bard Access, a supplier of long-term vascular access products. He has served as...

...care product supplier as chief financial officer. Prior to joining Medline, Abington was chief financial **manager** for Masonite Corporation in Chicago, a wholly owned subsidiary of International Paper. Since 1987 he...

...board member-and spent 15 years at Beckman Instruments in a variety of assignments, including **director** of North American sales and marketing. McLean joined Toshiba in 1998 as vice president of the Ultrasound Business Unit . In the reorganization of full-line marketing, James R. Burch has been promoted to **director**, customer communications. Also, Joseph V. Fritz has been promoted to senior **manager**, clinical development, and Catherine M. Wolfe has been named senior **manager**, marketing programs. \* ZOLL Medical Corporation: Two additions to the sales management team have been announced...

...Burlington, Mass.-based manufacturer and marketer of an integrated line of proprietary, non-invasive resuscitation **devices** and disposable electrodes. E.J. Jones has been appointed vice president of international sales, and...

...Systems, Inc. \* Branson Ultrasonics Corporation: Michael S. Kan has been named worldwide medical market segment **manager** of this Danbury, Conn.-based manufacturer of ultrasonic, hot plate, and linear and orbital vibration welding **equipment** for medical industry **devices** . Kan has held positions of district sales **manager** and sales **manager** for Latin America within the Branson organization. He will be responsible for identifying and developing...

23/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05714919 Supplier Number: 50178004 (USE FORMAT 7 FOR FULLTEXT)  
**Infonetics Research Announces the Release of Time to Profit; White Paper Identifies Elements to Enhance Corporate Performance and Profitability.**  
Business Wire, p07200213  
July 20, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newswire; Trade  
Word Count: 433

... a free copy of Time to Profit, please visit  
<http://www.internetdevices.com>.

Corporate IT managers face daily challenges, including the methods of executing firewalls, VPNs, bandwidth management, NAT, DNS, e-mail, Web caching, URL blocking, and Spam filtering. Companies face the additional challenge of finding qualified personnel to oversee the operation and maintenance of the equipment as well as establishing guidelines to ensure peak performance. The tools required for remote access and network operations include an evolving list of protocols, data transmission, and technological avenues. With the constant refinement of remote access and network performance alternatives, the...

23/3,K/3 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2000 The Gale group. All rts. reserv.

04624052 SUPPLIER NUMBER: 18843137 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Unlimited power. (five uninterruptible power supplies reviewed) (includes related articles on Editors' Choice, performance tests, how large a UPS to buy) (Hardware Review) (Evaluation)**  
Boyle, Padraig  
PC Magazine, v15, n20, pNE01(7)  
Nov 19, 1996  
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5176 LINE COUNT: 00393

... setting up the UPS itself is a simple process: Plug the server's or network device's power cable into one of the power receptacles on the back of the UPS...

...monitoring software receives data from the UPS and proceeds in accordance with a set of instructions --such as logging an event or sending the network manager an e-mail --that the network manager has defined.

In the event of a total power failure, the UPS monitoring software will...

23/3,K/4 (Item 1 from file: 80)  
DIALOG(R)File 80:TGG Aerospace/Def.Mkts (R)  
(c) 2000 The Gale Group. All rts. reserv.

01233118 Supplier Number: 41766180 (USE FORMAT 7 FOR FULLTEXT)  
**MORE NEW APPLICATIONS: TITAN IV/IUS SPACE LAUNCH VEHICLE**  
Composites & Adhesives Newsletter, pN/A  
Jan, 1991  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 18344

... construction excluding those for Thailand.

@@@421571128 0VKQJyr Hughes will move Galaxy 1 satellite, leading cable TV services bird, by June 28, forcing nation's more than 10,000 cable systems and...

...Assn. (SBCA) contends 1.2million dishes shipped since 1985 have built in actuators and actuator **controllers**, allowing users to move dishes on their own. Galaxy 1 will be moved to 133...

...C-1 at 137 W, Hughes said. Company said move, which cable operators and satellite TV dealers have known about for several months, will begin at 10 a.m., June 21...

...Showtime, several superstations. All services on Galaxy 1 are scrambled except Univision and Country Music TV. Harry Thibedeau, SBCA's mgr. of industry and technical affairs, said most consumers could be...

...to get word out to users and operators. He said even pirated decoders have actuator **controllers** to allowusers to lock in on new Galaxy 1 position. He said "very few" dishes...

...test last month at NASA's Stennis Space Center, Bay St. Louis, Miss. Glenn Dill, **manager** of Marshall Space Flight CenterShuttle Project Office at Stennis, said engineers were analyzing test data...of British Aerospace to join the Iridium program, Durrell Hillis, corporate vice president and general **manager**, Motorola SatelliteCommunications, said: "Iridium is a complex undertaking and we feel that the program needs..."

...areas for mutual participation. Motorola is one of the world's leading providers of electronic **equipment**, systems, components and services for worldwide markets. Products include two-wayradios, pagers, cellular telephone systems, semiconductors, defense and aerospace electronics, automotive and industrial **electronic equipment**, computers, data communications and information processing and handling **equipment**.  
@@@421482400 0WPKJym All three of Japan's major airlines plan to increase their investment in...vehicle to tumble out of control (SW April 22 p1). GD spokesman said special scope **device** and X-ray inspections of hardware were being made at Cape Canaveral to search for...

...next-generation supersonic transports, NASA said. @@@422142468 0AOSJEm Engineers from McDonnell Douglas' (MD) Space Systems **unit** are meeting with NASA and its international partners to review changes in basic design of...

...Hunt Oil. New ground station will receive Earth image data acquired by U.S. Landsat **remote sensing** satellites and will **transmit** operating **commands** to birds. Eosat spokesman said company chose Norman because its midcontinent location will provide real...

24/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2000 The Gale Group. All rts. reserv.

04076374 Supplier Number: 45936245 (USE FORMAT 7 FOR FULLTEXT)  
**NOVELL(R) AND STELLAR(TM) ONE PARTNER TO CONNECT TV SET-TOP BOXES TO SMART  
GLOBAL NETWORKS**

PR Newswire, p1113SJM003

Nov 13, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 881

... set-top box. Applications will include interactive playback and control of stored video on the network , live video transmission from a camera in the home with remote camera control, remote operation of home systems including lights and a VCR, and an intelligent home security system. The demonstration also highlights wireless paging, remote access to office GroupWise schedules, e -mail , and remote document processing and printing.

"This unique demonstration shows how consumer and networking technology..

File 233:Internet & Personal Comp. Abs. 1981-2000/Aug  
(c) 2000 Info. Today Inc.

File 256:SoftBase:Reviews,Companies&Prods. 85-2000/Jul  
(c)2000 Info.Sources Inc

File 278:Microcomputer Software Guide 2000/Aug  
(c) 2000 Reed Elsevier Inc.

Set	Items	Description
S1	118873	REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB - OR (WIDE OR LOCAL) ()AREA()NETWORK? OR WAN OR DISTANT OR DISTR- IBUT?
S2	14826	SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3	56267	COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR - SIGNAL? ? OR ACTIVAT? OR EXECUTABLE? OR REQUEST? OR TURN? ()ON
S4	47578	CONTROLLER? OR MANAGER? OR DIRECTOR?
S5	39748	DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR - APPARATUS OR EQUIPMENT?
S6	6699	APPLIANCE? ? OR (HOME OR HOUSE) (3N)APPLIANCE? OR STOVE? ? - OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7	3	ELECTRIC? ()POWER()GRID? ?
S8	33	(SMART OR INTELLIGENT) (3N) (HOUSE? OR HOME?)
S9	118867	EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH? OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10	19901	(ELECTRONIC OR E OR VIRTUAL) (3N) (MAIL OR MESSAGE? OR DATA - OR INFORMATION) OR EMAIL
S11	3	S8 AND S10
S12	1663	S1 AND S2 AND S3
S13	6356	S4 AND (S5 OR S6 OR S7)
S14	9085	S9 AND S10
S15	3	RD S11 (unique items)
S16	64	S12 AND S13
S17	3	S16 AND S14
S18	3	RD S17 (unique items)
S19	2	S18 NOT (PY=>1997 OR PD=>970318)
S20	1145	S3 AND S14
S21	23	S13 AND S20
S22	16	S21 NOT (PY=>1997 OR PD=>970318)
S23	14	S22 NOT S17
S24	883	S3(S)S9(S)S10
S25	18	S24(S)S13
S26	12	RD S23 (unique items)
S27	6	S25 NOT (S15 OR S19 OR S26)

**15/3,K/1 (Item 1 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2000 Info. Today Inc. All rts. reserv.

00456209 97PW04-050

**Small office/home office**  
Lasky, Michael S; Bass, Steve  
PC World , April 1, 1997 , v15 n4 p221-234, 7 Page(s)  
ISSN: 0737-8939

SMALL OFFICE/ HOME OFFICE section includes ``Smart Phones, Smart Business'' (p 222-231), which includes a discussion of phone services for a ...

... when the PC is turned off, a trolley for easily transporting tower systems, and an e-mail utility. Includes two illustrations, six photos, and one screen display. (djd)

Descriptors: Home Office; Voice Mail ; Telephone; Electronic Mail ; Software Review; Facsimile; ISDN

**15/3,K/2 (Item 2 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2000 Info. Today Inc. All rts. reserv.

00435695 96PM09-040

**Smart Home Manager**  
Kahney, Leander  
PC/Computing , September 1, 1996 , v9 n9 p232, 1 Page(s)  
ISSN: 0899-1847  
Company Name: Surado Solutions  
Product Name: Smart Home Manager

Smart Home Manager  
Product Name: Smart Home Manager  
Presents a favorable review of Smart Home Manager (\$30), a home finance program from Surado Solutions (800). The core of the program...

... establish individual accounts for each member of a family protected by passwords. It can send e-mail with external files attached (such as video clips) between family members. Overall, it is a...

Identifiers: Smart Home Manager; Surado Solutions

**15/3,K/3 (Item 1 from file: 256)**  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2000 Info.Sources Inc. All rts. reserv.

00103012 DOCUMENT TYPE: Review

PRODUCT NAMES: Smart Home Manager 2.0 Windows & Windows 95 (652784

TITLE: Digital Home, Sweet Digital Home  
AUTHOR: Borden, Susan  
SOURCE: Computer Shopper, v17 n8 p410(1) Aug 1997  
ISSN: 0886-0556  
HOMEPAGE: <http://www.cshopper.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 19980830

PRODUCT NAMES: Smart Home Manager 2.0 Windows & Windows 95...

Surado Solutions' Smart Home Manager 2.0, a new personal information

manager (PIM) for the home, provides five useful...

...many financial modules, databases, and organizational applications via one easy-to-use interface. Users begin **Smart Home Manager** by entering a household name, and the main screen provides five categories: Accounts/Finances, Household E-mail, Household Activities, Calendar/To-Do, and System Administration. A default account is established with all...  
?t19/3,k/all

>>>KWIC option is not available in file(s): 278

**19/3,K/1 (Item 1 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2000 Info. Today Inc. All rts. reserv.

00218828 90PK06-120

**Peripheral-sharing device offers file transfer**  
Sullivan, Kristina B  
PC WEEK , June 11, 1990 , v7 n23 p33, 39, 2 Pages  
ISSN: 0740-1604

**Peripheral-sharing device offers file transfer**  
... of Watertown, MA (617) has released the NetCommander 5.0 (\$1,895), a peripheral sharing device that permits file transfer and automatic maintenance capabilities, allows sending and receipt of data from users connected to the device and software upgrades for automatic user distribution . The upgrade reduces from 75 KB to 13 KB the memory needed for software operation . Enhancements are planned that would add E-mail distributed printing and network management capabilities. (tbc)  
Descriptors: **Peripherals ; Data Transmission ; Controller ; Data Communication; Upgrade**

**19/3,K/2 (Item 1 from file: 256)**  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2000 Info.Sources Inc. All rts. reserv.

00057678 DOCUMENT TYPE: Review

PRODUCT NAMES: **Soft-Switch EMX 6000 (430676)**

TITLE: **SoftSwitch Solves D&B's E-Mail Integration Challenge**  
AUTHOR: Wilkinson, Stephanie  
SOURCE: PC Week, v10 n39 p92(1) Oct 4, 1993  
ISSN: 0740-1604

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 19990830

**TITLE: SoftSwitch Solves D&B's E-Mail Integration Challenge**

A company with dozens of autonomous information services companies, in its attempt to integrate its operations in order to become a larger whole, seeks to bring a higher level of cooperation between its units , with a unified e-mail strategy. Previously, the separate entities used several different brands of e-mail . Basic connectivity was initially achieved through Novell's MHS protocol, but the solution was not complete enough. There was no global directory , and users did not know whether the recipient's system would support an embedded object. SoftSwitch's EMX6000 provided a solution, acting as a message router, through which users of any e-mail system can exchange mail. When a user is trying to send something, such as a binary attachment , that is not supported by the recipient's e-mail system, the EMX switch will alert the sender. SoftSwitch's Directory Synchronization automatically adds individual e

-mail systems' users to the central directory .

DESCRIPTORS: E -Mail ; Communications Interfaces; Network Software;  
IBM PC & Compatibles  
?t26/3,k/all  
>>>KWIC option is not available in file(s): 278

26/3,K/1 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
(c) 2000 Info. Today Inc. All rts. reserv.

00423155 96MA05-205

Pippin: back in the USA  
Staten, James  
MacWEEK , May 20, 1996 , v10 n20 p1, 75, 2 Page(s)  
ISSN: 0892-8118  
Company Name: Bandai Digital Entertainment  
Product Name: Pippin @World

... Macintosh clone, from Bandai Digital Entertainment Corp. of La Mirada, CA (310). Notes that the device is a Mac derivative that is based on a 66-MHz PowerPC 603, uses a TV set as its display, and starts from a CD-ROM. Specifies that Pippin @World will...

... and a quadruple-speed CD-ROM drive. Says this package will also include a game controller with built-in trackball, directional pad, and nine buttons; and a folding keyboard with a built-in graphics tablet. Among the bundled software are TV Works, which provides a simple integrated word processor, paint program, and e-mail package. In addition, Pippin @World will also provide an Internet-access account. Notes that Apple intends to ship...

26/3,K/2 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00405146 95CW12-112

Navy sails to E-mail gateway solution  
Mohan, Suruchi  
Computerworld , December 11, 1995 , v29 n50 p65, 1 Page(s)  
ISSN: 0010-4841  
Company Name: Digital Equipment Corp.  
Product Name: Mailbus 400

Navy sails to E-mail gateway solution  
Company Name: Digital Equipment Corp.  
Provides a case study of the Naval Air Systems Command in Arlington, VA, where the information systems department manages electronic mail with a gateway solution. Explains that in the process of upgrading the mix of Macintoshes and IBM PC compatibles with fiber optic networks, the disparate systems of electronic mail users wanted to communicate with others. States that six hubs of different electronic mail systems were connected in a wide area network using Digital's x.400 backbone, Mailbus 400, which supports file attachments and synchronous directories . Says that the system works well with the varying hardware systems and operating systems, and...

Descriptors: Electronic Mail ; Interoperability; Enterprise Computing; Wide Area Networks; Military; Case Study  
Identifiers: Mailbus 400; Digital Equipment Corp.

26/3,K/3 (Item 3 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00387726 95NC06-005

**Directory assistance -- Products that help you synchronize your e-mail directories**

Snyder, Joel; Trumbo, Jan  
Network Computing , June 1, 1995 , v6 n7 p88-100, 8 Page(s)  
ISSN: 1046-4468  
Company Name: Alisa Systems; Innosoft International; Digital Equipment Corp.; Wingra Technologies  
Product Name: AlisaMail; PMDF-LAN and PMDF X.500; MAILbus Directory Synchronization Utility; Missive Directory Assistance

**Directory assistance -- Products that help you synchronize your e-mail directories**

Company Name: Alisa Systems; Innosoft International; Digital Equipment Corp.; Wingra Technologies  
Product Name: AlisaMail; PMDF-LAN and PMDF X.500; MAILbus Directory Synchronization Utility; Missive Directory Assistance  
Presents a buyer's guide reviewing four Open-VMS-based directory synchronization programs from four manufacturers. These products include AlisaMail (\$53,000 for 5,000 users...  
... 5.00 and given the Network Computing Editor's Choice award as a full-featured e - mail hub and directory server with automatic directory search, which makes synchronization easy, and can provide tight control over which addresses get propagated. Also reviews: PMDF-LAN and PMDF X.500 (\$20,750) from Innosoft International...

... 3.50 and given Network Computing Honorable Mention recognition, which has a browser for both command -line and X window system access, and is very tool-oriented; MAILbus Directory Synchronization Utility (\$35,000) from Digital Equipment Corp. (800), scoring 3.25; and Missive Directory Assistance (\$24,000) from Wingra Technologies (800, 608), with 3.05. Includes two photos, two...

Descriptors: Electronic Mail ; Directories ; Synchronization; Network Management; Vendor Guide; Software Review; Interoperability  
Identifiers: AlisaMail; PMDF-LAN and PMDF X.500; MAILbus Directory Synchronization Utility; Missive Directory Assistance; Alisa Systems; Innosoft International; Digital Equipment Corp.; Wingra Technologies

**26/3,K/4 (Item 4 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00367085 94PJ11-018  
**Agents of change -- Software agents handle HR tasks at California bank**  
Remington, Marti  
PC Today , November 1, 1994 , v8 n11 p47, 1 Page(s)  
ISSN: 1040-6484  
Company Name: Edify  
Product Name: Electronic Workforce; Agent Trainer

Examines the development of a voice response unit (VRU) at the California Federal Bank's human resources department. Says Electronic Workforce (\$NA) and Agent Trainer (\$NA) from Edify Corp. (408) were used for development and testing. Adds that the programs provide electronic agents that are taught by users how to get information...

... applications and to carry that data to its proper place via the phone system or e -mail . Also says that the bank expects to standardize a lot of bank operations with VRU, and have a directory on the VRU that employees can consult for HR benefits information. Includes a photo, and...

**26/3,K/5 (Item 5 from file: 233)**  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00263276 91PK12-220

Xerox Corp. (Information Products Division) -- LAN/Fax Express 21  
version 1.2  
Kramer, Matt  
PC WEEK , December 16, 1991 , v8 n50 p100, 105, 2 Page(s)  
ISSN: 0740-1604  
Company Name: Xerox Corp.  
Product Name: LAN/Fax Express 21

... for accessing personal and corporate phone books and distribution lists, a gateway for MHS-based E -mail applications and a FXMENU fax application program for printing, storing or deleting faxes already received...

... that though it employs the same interface box as Castelle Corp.'s FaxPress product, fax operations are executed by a Xerox fax machine attached to the interface unit ; LAN/Fax Express also sports extensive record-keeping functions as well as a fax-manager package and several options for handling incoming faxes. (PAM)

26/3,K/6 (Item 6 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00177352 88PN09-303

IBM adds multivendor links, enhanced NetView release 50-product barrage includes X.400 E - Mail , TCP/IP software, broad range of network-management tools

Garretson, Rob

PC Week Connectivity , September 26, 1988 , v5 n39 pC1, C6, 2 Pages

ISSN: 0740-1604

IBM adds multivendor links, enhanced NetView release 50-product barrage includes X.400 E - Mail , TCP/IP software, broad range of network-management tools

... of 50 hardware and software network-management enhancements that support multivendor networking and international standards requested by many users. Says the products include electronic -mail software based on the X.400 protocol and other OSI standards; new TCP/IP software...

... for IBM's most powerful mainframes; new releases of its NetView, NetView/PC and LAN Manager ; modems and a variety of new and enhanced products for integrating voice and data communications...

Descriptors: Networks; Software; Hardware; Peripherals ; Local Area Networks; Management; IBM

26/3,K/7 (Item 1 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2000 Info.Sources Inc. All rts. reserv.

00094814 DOCUMENT TYPE: Review

PRODUCT NAMES: E- Mail Connection 3.0 Windows 95 (481131); Eudora Pro 2.2 Windows 95 (631264); Pronto Mail 2.0 Windows (597511); Z-Mail 4.0 Windows (344061)

TITLE: Digital Delivery: With Internet E- Mail addresses becoming almost..

AUTHOR: Ginsburg, Lynn

SOURCE: Computer Shopper, v16 n9 p542(6) Sep 1996

ISSN: 0886-0556

HOMEPAGE: <http://www.cshopper.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

REVISION DATE: 20000430

PRODUCT NAMES: E-Mail Connection 3.0 Windows 95...

TITLE: Digital Delivery: With Internet E-Mail addresses becoming almost..

New Internet e-mail managers for Windows include E-Mail Connection 3.0 from ConnectSoft, Eudora Pro 2.2 from QUALCOMM, Pronto Mail 2.0 from CommTouch Software, and Network Computing Devices' Z-Mail for Windows 4.0. Each package supports 16-bit Windows. ConnectSoft's and QUALCOMM's products support 32-bit Windows as well. Basic e-mail functions are enhanced in these products by the addition of sort, search, and address book functions. E-Mail Connection is noted for its ability to organize e-mail across multiple accounts from diverse service providers. Eudora Pro is a top-of-the-line application, powerful and easy-to-use. For straightforward operations, users are referred to Pronto Mail. NetManage, in contrast, affords custom options for users who ...

DESCRIPTORS: E-Mail Utilities; Internet Utilities; IBM PC & Compatibles; Windows; Public Networks

26/3,K/8 (Item 2 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2000 Info.Sources Inc. All rts. reserv.

00094581 DOCUMENT TYPE: Review

PRODUCT NAMES: Oracle Parallel Server 7 for SCO UnixWare (329215); Oracle WebServer (555851); DB2 for SCO UnixWare (701866); SCO Open Server Enterprise System (482471); SCO Gemini (602124)

TITLE: SCO and Oracle to link servers

AUTHOR: Wirthman, Lisa

SOURCE: PC Week, v13 n32 p1(2) Aug 12, 1996

ISSN: 0740-1604

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 19980830

At the SCO Forum Conference, Santa Cruz Operation and Oracle will announce Oracle Parallel Server 7 for SCO UnixWare (OPS), a new heterogeneous...

...a software development kit for SCO Gemini; and Oracle's Oracle WebServer as a layered add-on for SCO's Open Server Enterprise System. IBM will announce porting of its DB2...

...user says the OPS announcement is significant because OPS allows users to optimize various hardware devices and to use products from multiple vendors. Oracle's fault-tolerant Parallel Server for clustered...

...not previously available for standard Intel machines. The core technology is UnixWare's distributed lock manager, which designates server rights when multiple servers try to update concurrently. SCO also announced integration...

...engine into the OpenServer operating system (OS) so users can search contents of files and e-mail .

...COMPANY NAME: 351245); Santa Cruz Operation Inc (SCO...

**26/3,K/9 (Item 3 from file: 256)**  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2000 Info.Sources Inc. All rts. reserv.

00089632 DOCUMENT TYPE: Review

**PRODUCT NAMES: Corporate Time (608947); Synchronize (326496); Calendar Manager (001651); CaLANDar (558915); Meeting Maker XP (431354)**

**TITLE:** The dating game

**AUTHOR:** Snyder, Joel

**SOURCE:** Network World, v13 n11 pS21(3) Mar 11, 1996

**ISSN:** 0887-7661

**HOMEPAGE:** <http://www.nwfusion.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20000730

**...PRODUCT NAMES: 326496); Calendar Manager (**

Calendaring tools like Corporate Time, Synchronize, Calendar Manager, CaLANDar, and Meeting Maker XP can help meet schedules by allowing all staff quick access...

...schedules and locations of other team members. Enterprise calendaring products should support genuine client/server **operation** and more than one server. They can update in real-time or by store and...

...should make sure the platform in use is supported, along with installed network protocols and e-mail systems, unless the user is willing to install new versions. The graphical user interface (GUI) should be intuitive, and the amount of training needed should be known. Products often provide added features, such as project management, but not always. The products mentioned support personal digital assistants, an increasingly popular computing device used by mobile workers.

**DESCRIPTORS:** Calendars; Network Software; Groupware; Client/server; E - Mail

**26/3,K/10 (Item 4 from file: 256)**  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00070154 DOCUMENT TYPE: Review

**PRODUCT NAMES: Lotus Notes 4.0 (550418); Lotus Script (465429); Messaging Application Interface (MAPI) (414263)**

**TITLE:** Notes Messaging Links Grow: Lotus Acquiesces, Will Provide Full...

**AUTHOR:** Rooney, Paula

**SOURCE:** PC Week, v11 n42 p1(2) Oct 24, 1994

**ISSN:** 0740-1604

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

**REVISION DATE:** 20000130

...to share data with Notes. MAPI 1.0 includes server-provider interfaces that allow many e-mail vendors, including Lotus, Banyan Systems, Digital Equipment (DEC), and CompuServe, to attach mail and directory

mechanisms beneath MAPI 1.0 applications. Notes 4.0 also supports the Lotus Development Vendor...

...for enhanced services on Notes-based client/server networks. MAPI 1.0 is critical for e-mail, messaging, calendaring, and workflow applications, according to an industry analyst. Lotus states that programmers can now choose among VIM, Common Mail Call (CMC), and MAPI, with Notes messaging and directories at the back end. One developer interviewed welcomes the flexible Notes options, which provide better interoperability and close integration. LotusScript support enables automated operation.

DESCRIPTORS: E-Mail ; IBM PC & Compatibles; Groupware; Network Software ; Communications Standards; Notes/Domino; Client/server

26/3,K/11 (Item 5 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00066005 DOCUMENT TYPE: Review

PRODUCT NAMES: Telecommuting (830232)

TITLE: Telecomputing Commuting  
AUTHOR: Luhmann, Rick  
SOURCE: Computer Telephony Magazine, p74(6) Jul/Aug 1994  
ISSN: 1072-1711  
HOMEPAGE: <http://www.computertelephony.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

REVISION DATE: 19990830

...is made up of the IBM Windsurfer telephony and sound card with M-Wave digital signal processor (DSP) for phone, fax, and modem emulation; SoundXchange device ; and application software. The package is added to a 386 or 486 Windows 3.1 platform, and allows the user to make and receive voice, fax, and e-mail calls from a PC in use or idle. No telephone or answering machine is needed. Communicator software provides phone and answering machine emulation, fax, e-mail viewing, personal event manager , and address book. Also included is code needed to drive multimedia applications, Prodigy, and Microsoft Works. The...

DESCRIPTORS: Telecommuting; Office Automation; Telecommunications; Fax Software; E-Mail ; Telephone Message Handling

26/3,K/12 (Item 6 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00053949 DOCUMENT TYPE: Review

PRODUCT NAMES: VINES 5.5 (695912); Enterprise Network Services for NetWare 1.0 (403172)

TITLE: Banyan Sketches Vines' Future  
AUTHOR: Semilof, Margie  
SOURCE: Communications Week, v453 p15(2) May 10, 1993  
ISSN: 0746-8121

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 19990830

...Systems last month unveiled a host of new products and gave indications of its planned **direction** for the VINES network operating system. Among the new products rolled out at the conference were a high-speed network printing **device**, a toolkit for third-parties, and versions of VINES 5.5 in French, German, and Spanish. **Additionally**, Banyan is said to be emphasizing electronic messaging in its development strategy. Currently, it is...

...for the Simple Mail Transport Protocol (SMTP) and X.400, and implementing in its StreetTalk **directory** service the Open System Foundation messaging model and X.500.

DESCRIPTORS: Network Software; LANs; Operating Systems; Banyan; Foreign Language Packages; E -Mail

27/3,K/1 (Item 1 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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01752291 DOCUMENT TYPE: Product

PRODUCT NAME: Facilities Management System 4.2 (752291)

strategic data & telecom inc (432261)  
121 S Webster St  
Naperville, IL 60540 United States  
TELEPHONE: (630) 355-7331

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 000000

...a familiar Windows Explorer-like interface provide accurate, up-to-date information vital to telecommunications **operations**. The Inventory Management module tracks a variety of predefined inventory such as PBXs, phones, and...

...due date charges, due dated against completed dates, thus improving budgeting and technician productivity. The **Directory** Lookup module delivers an instant up-to-date corporatewide **directory** for reception activities. Phonetic and cascade searches provide quick and easy access to **directory** information. The scrollable grid includes alternate numbers for non-published extension, in **addition** to home, car, fax, pager, DID, e-mail, and two other user-defined fields. The Consolidated Bill phone call, inventory, line item, and...

27/3,K/2 (Item 2 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2000 Info.Sources Inc. All rts. reserv.

01457558 DOCUMENT TYPE: Product

PRODUCT NAME: HelpSTAR 5.1 & CS 5.1 (457558)

Help Desk Technology Corp (563111)  
1200 Speers Rd #16  
Oakville, ON L6L 2X4 Canada  
TELEPHONE: (905) 845-4408

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 000000

...help desks. It offers real-world workflow support, network inventory, problem documentation, timesheet options, and **request** tracking and prioritizing, and deadlines. HelpSTAR produces management reports that describe the overall **operation** of a help desk, and can also print graphs and build custom reports. Help desk...

...sent alarms when specific events occur. They can search a history database for previous service **requests** and look for standard solutions to problems. Help desk employees can also add new solutions to this file. Staff can be provided with 11 different privileged actions. They can schedule **requests**, reroute service **requests**, and perform a complete analysis of an end-user's computer. End-users can submit problem reports and service **requests** by phone, through e-mail applications, or through Internet or intranet browsers. They can also use a browser to check ...

...not need to install the application. HelpSTAR 5.1 uses a Microsoft (R) Access database manager ; HelpSTAR/CS 5.1 supports client/server, high-traffic networks and is based upon Microsoft...

27/3,K/3 (Item 3 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00122449 DOCUMENT TYPE: Review

PRODUCT NAMES: ThinAir Server 1.0 (792829)

TITLE: Serve corporate e-mail to wireless devices: ThinAir Server...

AUTHOR: Heck, Mike

SOURCE: InfoWorld, v22 n10 p54(1) Mar 6, 2000

ISSN: 0199-6649

Homepage: <http://www.infoworld.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

REVISION DATE: 20000530

...based 128-bit Secure Sockets Layer encryption, the ability to operate with widely used wireless devices and e-mail systems, and real-time connections to internal resources, including calendars. However, users must pay for...

...and for Internet service providers' (ISPs') wireless services, and access is currently available only to e-mail applications. ThinAir Server is an efficient but high-cost system that provides mobile workers with wireless access to groupware and e-mail systems. ThinAir Server also gives managers bi-directional, real-time data communication between wireless devices and Microsoft Exchange, Internet Mail Access Protocol (IMAP), and Post Office Protocol (POP) 3 e-mail systems. ThinAir is a free wireless Internet e-mail client for the Palm that provides instant access to supported e-mail accounts and to Microsoft HoTMail. ThinAir Server gives mobile staff handy, secure access to corporate e-mail systems and ultimately allows access to other resources behind a firewall. Employees have to keep their Palm.Net or cellular provider accounts, which adds to the cost of ThinAir Server 1.0. Three applications allow users to configure the system to support installed e-mail software: Connector Server, which provides a secure gateway, Provider, which is currently available in three versions for Exchange Server, IMAP, and POP3 and links users to an e-mail system, and TrafficControl, which monitors multiple Connector Server and Provider components.

27/3,K/4 (Item 4 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2000 Info.Sources Inc. All rts. reserv.

00117049 DOCUMENT TYPE: Review

PRODUCT NAMES: Handhelds & Palmtops (836737)

TITLE: PDAs Get Serious: Handhelds Take On Corporate Functions

AUTHOR: Hamblen, Matt

SOURCE: Computerworld, v33 n21 p1(2) May 24, 1999

ISSN: 0010-4841

Homepage: <http://www.computerworld.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 19990730

The use of personal digital assistant (PDA) handheld computing devices is spreading into many areas of corporate business operations and beyond the basic use of simply tracking personal schedules and contact information.

Airline flight...

...time and money, and a stock trading company is about to deploy hundreds of PDA devices to stock floor buyers and sellers who will be able to maintain direct links to...

...cost about one-tenth that of even the least expensive laptop and desktop computers. IT managers are warned that user expectations of being able to freely manage e-mail with PDAs will not be met due to some problems with Microsoft's Microsoft Windows CE operating system and its inability to handle file attachments or lengthy e-mail messages with any efficiency.

27/3,K/5 (Item 5 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00114390 DOCUMENT TYPE: Review

PRODUCT NAMES: CP 443-1IT (742139); SIMATIC ET 200S (742147); SIMATIC MP 270 Multi Panel (742155)

TITLE: New control platforms and I/O from Siemens offer ready access to...

AUTHOR: Polischuk, Tom

SOURCE: I&CS, v71 n12 p44(1) Dec 1998

ISSN: 1074-2328

Homepage: <http://www.icsmagazine.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 19990530

...Automation has released several new products that reflect new trends revolving around field buses for device-level connection, ready access to process data via open hardware and software systems, and industrial...

...link directly to a control system. As a result, users can monitor and control plant operations from any PC with a Web browser, or have e-mail sent automatically to any device with an Internet connection.

Siemens' SIMATIC ET 200S, a distributed I/O family, is a Profibus-compatible modular system. It combines two-channel digital and analog capabilities with an integrated high-power contactor relay in one unit. It can be configured to accommodate almost any controller equipment. The company has also introduced the first of its Multifunctional Platform, a product category with...

...that falls between an industrial PC and a PLC. The SIMATIC MP 270 Multi Panel combines the deterministic behavior of a PLC, with the openness of a PC.

27/3,K/6 (Item 6 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00100742 DOCUMENT TYPE: Review

PRODUCT NAMES: BeOS DR8 PowerMac Beta (617687)

**TITLE:** BeOS gives Mac users a choice  
**AUTHOR:** DeLiso, Fred Stone, Amy  
**SOURCE:** InfoWorld, v19 n9 p103(1) Mar 3, 1997  
**ISSN:** 0199-6649  
**HOMEPAGE:** <http://www.infoworld.com>

**RECORD TYPE:** Review  
**REVIEW TYPE:** Review  
**GRADE:** A

**REVISION DATE:** 19990330

...system, has few available supporting applications, but has fast performance and the versatility of a command-line interface combined with the ease of use of a graphical user interface (GUI). It also provides Internet...

...Dock toolbar on the left side of the screen provides users with fast access to peripherals, an e-mail inbox, an address book, a Trash icon, and other items. The Terminal interface provides a UNIX-type shell window, and those who know UNIX shell commands or DOS commands will find themselves in a familiar environment. BeOS uses a mixture of UNIX and DOS commands, and users can execute software applications by opening the correct directory and typing in the applications' names. The GUI's Workspace window allows users to store...

...included in BeOS are a text editor, CD-ROM player, picture and image viewer, and e-mail software. The VirtualMac MacOS emulator, which is under development, allowed testers to run Microsoft Excel...

File 148:Gale Group Trade & Industry DB 1976-2000/Aug 23  
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File 275:Gale Group Computer DB(TM) 1983-2000/Aug 23  
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File 621:Gale Group New Prod.Annou.(R) 1985-2000/Aug 23  
(c) 2000 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2000/Aug 23  
(c) 2000 The Gale Group

Set	Items	Description
S1	4794836	REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB - OR (WIDE OR LOCAL) ()AREA()NETWORK? OR WAN OR DISTANT OR DISTR- IBUT?
S2	962986	SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3	4826314	COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR - SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN?()ON
S4	3418593	CONTROLLER? OR MANAGER? OR DIRECTOR?
S5	3670565	DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR - APPARATUS OR EQUIPMENT?
S6	1215332	APPLIANCE? ? OR (HOME OR HOUSE) (3N)APPLIANCE? OR STOVE? ? - OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7	474	ELECTRIC?()POWER()GRID? ?
S8	3926	(SMART OR INTELLIGENT) (3N) (HOUSE? OR HOME?)
S9	6281678	EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH? OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10	789928	(ELECTRONIC OR E OR VIRTUAL) (3N) (MAIL OR MESSAGE? OR DATA - OR INFORMATION) OR EMAIL
S11	90	S8(S)S10
S12	13211	S1(5N)S2(3N)S3
S13	393255	S4(S) (S5 OR S6 OR S7)
S14	84438	S9(5N)S10
S15	0	S12(S)S13(S)S14
S16	2	S12(S)S13(S) (USING OR VIA) (3N)S10
S17	2	RD S16 (unique items)
S18	293	S12(S)S13
S19	0	S18(S)S11
S20	31	S11 NOT (PY=>1997 OR PD=>970318)
S21	29	RD S20 (unique items)
S22	141	S13(10N)S8
S23	37	S22(S)INTERNET
S24	0	S23 NOT (PY=>1997 OR PD=>970318)
S25	37	S23 NOT (S17 OR S21)
S26	23	RD S25 (unique items)
S27	19	S26 NOT (SMART()CARD? OR SMARTCARD?)
S28	19	S27 NOT BANKING

17/3,K/1 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2000 The Gale Group. All rts. reserv.

04452052 Supplier Number: 56062860 (USE FORMAT 7 FOR FULLTEXT)  
**XEROX:** Xerox announces seamless paper-to-digital do document application server software.  
M2 Presswire, pNA  
Oct 7, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 359

... many mission-critical documents exist only in paper," said Mark Hill, vice president and general manager of Xerox' Office Solutions Business Unit . "FlowPort provides an intelligent and powerful solution for easily digitizing, storing and retrieving hard-copy containing encoded DataGlyphs. By simply checking a box on the PaperWare form, users send various commands to the FlowPort server to distribute documents via e -mail , remote print or Internet fax; or to store or retrieve documents in and from repositories...

17/3,K/2 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2000 The Gale Group. All rts. reserv.

03905362 Supplier Number: 50096150 (USE FORMAT 7 FOR FULLTEXT)  
**-HEWLETT-PACKARD:** HP network design centre helps resellers expedite network configuration  
M2 Presswire, pN/A  
June 17, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 731

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...10Mbps shared solutions feeding into switched Gigabit in the backbone. Applications, budget constraints and legacy equipment are important factors in recommending network design alternatives. HP Network Design Centre is offered to...

...conjunction with the recently announced HP Web-based network design tool, which automatically configures LAN device requirements based on user-specified requirements. The HP network design tool is the tool of...

...rnd/designtool.com Staffing and Access HP Network Design Centre is staffed by qualified HP network -design engineers. Resellers may request a job-design interview form by sending an e-mail to hp...

...design-submittal@hp-roseville-gen3.om.hp.com. Completed forms may be submitted via e -mail to hp...

...s five UK R&D and manufacturing divisions exported GBP703 million worth of telecommunications and microwave test products and systems, information storage products and fibre optic components in 1996, making it ...

...on the World Wide Web at <http://www.hp.com>. CONTACT: Sally Lawlor, UK Product Manager Networking Products Tel: +44 (0)1344 365722 e-mail: sally

**21/3,K/1 (Item 1 from file: 148)**  
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09163818 SUPPLIER NUMBER: 18919891 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Internet smart phone dials new markets. (from Navitel Communications) (Special Report on Designing Computers, Part IV: Net-centric Systems) (Company Business and Marketing) (Technical)**  
Simon, Robert; Brenner, Thomas  
Electronic Engineering Times, n928, p90(1)  
Nov 18, 1996  
DOCUMENT TYPE: Technical ISSN: 0192-1541 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1472 LINE COUNT: 00121

Financial programs, including home banking and stock trading, along with e-mail are good applications for a device that combines telephony features with computing and Internet-access...

...migrated to both the telephone touch-tone pad and the computer, requiring two devices for home access. The Internet smart phone brings all the necessary capabilities together in one device.

Moreover, combining voice and e...

**21/3,K/2 (Item 2 from file: 148)**  
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09109268 SUPPLIER NUMBER: 18868229 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The ultimate PC. (converged personal computers) (includes related articles)**  
Thomas, Susan Gregory  
U.S. News & World Report, v121, n21, p90(7)  
Nov 25, 1996  
ISSN: 0041-5537 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2089 LINE COUNT: 00158

... describe the phenomenon is "convergence."

Besides being the usual generator of reports, homework, newsletters and E-mail and a Web center, a convergent PC can be a telephone center that will take...

...it might make coffee. Computer makers envision the machine as the command center for the "smart house ." It would set burglar monitoring systems, turn off lights and, yes, brew your morning cup...

**21/3,K/3 (Item 3 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09079112 SUPPLIER NUMBER: 18740563 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The intranet - a firm's private road on the information superhighway.**  
Black, Robert L.; Pforsich, Hugh; Sechler, Carolyn S.  
Tax Adviser, 27, n9, 561(9)  
Sep, 1996  
ISSN: 0039-9957 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 6656 LINE COUNT: 00551

... preparation of a purchase order can be sent immediately to the vendor, who converts the electronic data to a shipping advice and invoice). (7) As noted in footnote 2, NCC and Microsoft...ROM Tax Research (Parts I and II)," 26 The Tax Adviser 583 (25) Commerce Clearing House provides an "intelligent agent" in some of its software products to aid the researcher; see Dibbell, "Smart Magic...

21/3,K/4 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08954238 SUPPLIER NUMBER: 18648211 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Appliances on-line. (mechatronic technology in home appliances)**  
Berardinis, Lawrence A.  
Machine Design, v68, n14, p72(6)  
August 8, 1996  
ISSN: 0024-9114 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2582 LINE COUNT: 00216

... some point, the valve may be integrated as well.  
**WEAVING THE WEB**

According to International Data Corp., an electronic market research company, by the year 2000, 22% of all Internet-access devices will be machines other than PCs. This is sure to include **smart household** appliances, although the Internet is only one avenue by which such washers, dryers, and refrigerators...

21/3,K/5 (Item 5 from file: 148)  
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08852640 SUPPLIER NUMBER: 18550416  
**Survey Results Provide First Benchmark View of Networking in San Mateo and Santa Clara County K-12 Schools; Results provide insight about areas needing additional focus.**  
Business Wire, p8051035  
August 5, 1996  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 875 LINE COUNT: 00075

... Mateo County Superintendent of Schools.  
For additional information

The networking survey can be accessed via **Smart Valley's home page** on the World Wide Web at, <http://www.svi.org/>. For additional information about Smart Valley's SmartSchools projects, contact Kathie Blankenship at 408/562-7795 or by email at [KathieB@svi.org](mailto:KathieB@svi.org).

About Smart Valley  
Smart Valley, Inc. is a non-profit organization...

21/3,K/6 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2000 The Gale Group. All rts. reserv.

08851380 SUPPLIER NUMBER: 18500543  
**A guide to marketing on the Internet. (Convenience in Cyberspace)**  
Cory, Jim  
Home Improvement Market, v233, n7, p58(5)  
July, 1996  
ISSN: 0162-5896 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3260 LINE COUNT: 00262

... improvement plans to the site for others to see. A product section is also included.

**House Smart** . <http://www.housemart.com>. A site devoted to questions and answers to common household problems. Visitors can submit questions and get responses through postings on a message board or directly via e-mail. **House Smart** separates common problems into categories such as floors, yards and electrical.

Jensen Distribution Services. <http...>

21/3,K/7 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08577685 SUPPLIER NUMBER: 18166192 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SMART Corp. named Oracle Alliances Complementary Software Provider of the Year; SMART also introduces new Web site.**  
Business Wire, p4080059

April 8, 1996

LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 407 LINE COUNT: 00037

... s products and services.

Additionally, unlike the majority of sites on the Worldwide Web, the SMART home page each month delivers a timely public service announcement, with links to Web sites and electronic mail addresses related to current social matters.

SMART Corp. is a leading supplier of cost-effective...

21/3,K/8 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08271587 SUPPLIER NUMBER: 17613932 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**NOVELL(R) AND STELLAR(TM) ONE PARTNER TO CONNECT TV SET-TOP BOXES TO SMART GLOBAL NETWORKS**

PR Newswire, p1113SJM003

Nov 13, 1995

LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 833 LINE COUNT: 00084

... remote camera control, remote operation of home systems including lights and a VCR, and an intelligent home security system. The demonstration also highlights wireless paging, remote access to office GroupWise schedules, e-mail, and remote document processing and printing.

"This unique demonstration shows how consumer and networking technology..."

21/3,K/9 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2000 The Gale Group. All rts. reserv.

08057289 SUPPLIER NUMBER: 17145983 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A day in the life of the virtual builder. (computers in housing development) (includes related articles) (Advertisement: Computer Connection)**

Professional Builder (1993), v60, n11, p62(9)

July, 1995

ISSN: 1072-0561 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4974 LINE COUNT: 00379

...ABSTRACT: a highly automated home built by a modern housing developer is described. The energy-efficient, intelligent home features microprocessor-programmed elements such as motion detectors, water heaters, coffee makers, synthesized audio reports of E-mail messages, business news summaries, electronic newspapers, home business equipment, computer-aided design equipment and virtual reality systems for architectural plans.

21/3,K/10 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08009801 SUPPLIER NUMBER: 16814240 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Let your agent handle it. (intelligent software agents perform network tasks) (includes related article on the use of agents at DHL)**

**Richman, Dan**

**InformationWeek, n523, p44(7)**

**April 17, 1995**

**ISSN: 8750-6874 LANGUAGE: English RECORD TYPE: Fulltext; Abstract**

**WORD COUNT: 2847 LINE COUNT: 00234**

**...ABSTRACT:** could be used to complete network assignments, boot up PCs and automate database operations, sort E -mail and even scan calendars for notable events and appointments. Software agents have been around as...

**...access assistance and interactive voice mail capabilities. Microsoft's Bob is being promoted as a home -based collection of intelligent applications, but early reports suggest that the programs are too rigid and incapable of learning...**

**21/3,K/11 (Item 11 from file: 148)**

**DIALOG(R)File 148:Gale Group Trade & Industry DB**

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**08009780 SUPPLIER NUMBER: 16814038 (USE FORMAT 7 OR 9 FOR FULL TEXT)**

**One-piece Aptiva may land in U.S. (IBM considering marketing Aptiva Vision combination computer and television set)**

**Harrington, Mark**

**Computer Retail Week, v5, n94, p1(2)**

**April 3, 1995**

**ISSN: 1066-7598 LANGUAGE: English RECORD TYPE: Fulltext; Abstract**

**WORD COUNT: 585 LINE COUNT: 00050**

**... by the fall. Other technologies IBM alluded to included 3-D surround wavetable audio, "interactive smart house" and voice-synthesized electronic mail. He declined to discuss specifics.**

**But Garcia last week acknowledged that IBM has been slow...**

**21/3,K/12 (Item 12 from file: 148)**

**DIALOG(R)File 148:Gale Group Trade & Industry DB**

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**07317345 SUPPLIER NUMBER: 15426039 (USE FORMAT 7 OR 9 FOR FULL TEXT)**

**Looking ahead. (forecasts for Canadian banks) (includes appendices) (Bank Facts 1994)**

**Canadian Banker, v101, n3, pS14(15)**

**May-June, 1994**

**ISSN: 0822-6830 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT**

**WORD COUNT: 1830 LINE COUNT: 00158**

**...ABSTRACT:** attractive prices. Canadian banks also continue to improve their automated services with the advent of home banking, debit cards, smart cards, electronic data interchange, debt clearing services and large value transfer systems. Canadian banks also cooperate with international...

**21/3,K/13 (Item 13 from file: 148)**

**DIALOG(R)File 148:Gale Group Trade & Industry DB**

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**06531675 SUPPLIER NUMBER: 14650985**

**TCI eyes 'smart home' design plan with Microsoft and PG&E.**

**(Tele-Communications Inc., Pacific Gas and Electric, and Microsoft Corp. to link electronic information services in Walnut Creek, California homes)**

**Lippman, John**

**Los Angeles Times, v112 , Wed ed, col 5, pD2**

Nov 10, 1993

ISSN: 0458-3035

LANGUAGE: ENGLISH

RECORD TYPE: CITATION

TCI eyes 'smart home' design plan with Microsoft and PG&E.  
(Tele-Communications Inc., Pacific Gas and Electric, and Microsoft Corp.  
to link electronic information services in Walnut Creek, California  
homes)

21/3,K/14 (Item 14 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2000 The Gale Group. All rts. reserv.

05539788 SUPPLIER NUMBER: 11625351 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Newly enhanced plantwide CIM. (Technology News, computer integrated  
manufacturing)

Naitove, Matthew H.

Plastics Technology, v37, n12, p25(2)

Nov, 1991

ISSN: 0032-1257 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1082 LINE COUNT: 00086

... and attendance in essentially real time--a necessity for  
Just-in-Time operations. Standardized EDI (electronic data interchange)  
templates are included in the Perform package to permit  
computer-to-computer communications between vendors and customers and  
between a plant and a corporate home office.

'SMART' SCHEDULING

Also new is a CIM software update for "smart scheduling"--i.e.,  
matching a...

21/3,K/15 (Item 15 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
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02334886 SUPPLIER NUMBER: 03754490 (USE FORMAT 7 OR 9 FOR FULL TEXT)

AT&T. The right choice. (Part two of two parts - Special supplement to May  
issue)

Modern Office Technology, v30, pS1(37)

May, 1985

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 16412 LINE COUNT: 01375

... the-art communications technology. We began as part of the team  
that built the largest electronic information system in the world--the  
AT&T telecommunications network. We're in the forefront of innovation in  
communications-based information systems, from premises controllers to  
intelligent networks, from "smart" telephones for the home to  
integrated business systems linking tens of thousands of people and  
machines.

We're not...

21/3,K/16 (Item 1 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2000 The Gale Group. All rts. reserv.

01969333 SUPPLIER NUMBER: 18589896

Smart Home Manager. (Surado Solutions' Smart Home Manager personal finance  
software) (Software Review) (Evaluation) (Brief Article)

Kahney, Leander

PC/Computing, v9, n9, p232(1)

Sep, 1996

DOCUMENT TYPE: Evaluation Brief Article ISSN: 0899-1847

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 274 LINE COUNT: 00024

... the family can have an individual account with password access to their own records. Send e-mail between family members and attach external files such as video file formats. The downsides: The interface could be more attractive and the online help a little clearer. Overall, however, Smart Home Manager helps you better manage the game of life.

21/3,K/17 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2000 The Gale Group. All rts. reserv.

01671346 SUPPLIER NUMBER: 15028785 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
A congressional Quorum; on Capitol Hill, software integration is a high priority item. (White House, Senate and House of Representatives use Intelligent Solutions Corp.'s Quorum office automation software) (Field Report)  
Gengler, Barbara  
LAN Computing, v5, n2, p1(3)  
Feb, 1994  
ISSN: 1055-1808 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1298 LINE COUNT: 00107

ABSTRACT: The US House of Representatives, the Senate and the White House use the Intelligent Solutions' Quorum customized information system, but implementation of an electronic mail (E-mail) system has been slow because of concerns over data security. At the White House, a...

...employ Frame Relay internetworking technology. The House has also been the first to install an E-mail system that ensures secure office to office communication links; the E-mail runs over an Ethernet backbone network and uses TCP/IP. The Quorum system also features...

21/3,K/18 (Item 3 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2000 The Gale Group. All rts. reserv.

01519969 SUPPLIER NUMBER: 12211360 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
More than meets the eye: rumored Time Warner-IBM deal is not as it appears.  
(Next Century Media actually pitching digitization plan, would use IBM equipment: IBM wants transmission franchise)  
Seybold, Jonathan; Baron, David  
Digital Media, v1, n12, p3(3)  
May 25, 1992  
ISSN: 1056-7038 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1849 LINE COUNT: 00146

... high-level, object-oriented operating system software.  
Chips for the home.  
Finally, we will need intelligent devices in the home to receive and process all this in-coming digital data, to provide interaction with the "head end" systems, and to support new generations of peripherals and interfaces (joysticks, data gloves, virtual reality goggles, body suits -- who knows?).

This intelligence may be imbedded into new-generation cable...

21/3,K/19 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2000 The Gale Group. All rts. reserv.

01322662 Supplier Number: 45946964 (USE FORMAT 7 FOR FULLTEXT)  
Intelligent Technologies Inc. premiers IntelliBots 1.0 for Macintosh; Newly released version makes learning computer programming and architecture fun for all ages.  
Business Wire, p11201016

Nov 20, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 440

... Jack Reeve P.O. Box 2022 Orem, UT 84059-2022 Phone/Fax:  
801/763-8690 EMail : IT11@aol.com (or IT11 if you have an AOL account)

WWW: HTTP://www.xmission.com/intltech/home.html

Intelligent Technologies is in the business of increasing computer  
skills and knowledge through the creation of...

**21/3,K/20 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2000 The Gale Group. All rts. reserv.

03366080 Supplier Number: 46924299 (USE FORMAT 7 FOR FULLTEXT)

**GREATER DRAW:**

CardFAX, v96, n214, pN/A

Nov 27, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 97

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

Philips Home Services is expecting smart cards to be used with its  
screen phones in Europe before they are used in...

...there than in the U.S. Philips screen phones bundle services such as  
caller identification, electronic mail via the Internet and access to  
stored-value accounts.

**21/3,K/21 (Item 2 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2000 The Gale Group. All rts. reserv.

03319838 Supplier Number: 46822889 (USE FORMAT 7 FOR FULLTEXT)

**STAR SYSTEM ON THE WEB.**

EFT Report, v19, n22, pN/A

Oct 23, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 119

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

...EFT network, debuted its new World Wide Web site early this month. The  
site offers information about electronic commerce, including data on  
electronic benefits transfer, home banking and smart cards. The site  
has sections designed for both consumers and the network's bank members...

**21/3,K/22 (Item 3 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03253701 Supplier Number: 46675595 (USE FORMAT 7 FOR FULLTEXT)

**SMARTBOOT 95 PROVIDES WINDOWS 95 USERS WITH WINDOWS 3.1 & DOS [Software Review]**

Online Libraries & Microcomputers, v14, n8, pN/A

Sept 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Professional Trade

Word Count: 1079

... Munster, IN 46321. Telephone: (800) 488-1389 or (219) 838-3000.  
Fax: (219) 838-3060. Email : mhatmak(at)smartsystems.com Additional  
information is also available on Smart System's WWW home page at:  
<http://www.smartsystems.com>  
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**21/3,K/23 (Item 4 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03140491 Supplier Number: 46429947 (USE FORMAT 7 FOR FULLTEXT)  
**SAFEBOOT 95 PROVIDES WINDOWS 95 USERS WITH WINDOWS 3.1 & DOS TOO**  
Online Newsletter, v17, n6-7, pN/A  
June 1, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 788

... Munster, IN 46321. Telephone: (800) 488-1389 or (219) 838-3000.  
Fax: (219) 838-3060. Email : mhatmak(at)smartsystems.com Additional  
information is also available on Smart System's WWW home page at:  
<http://www.smartsystems.com> [RSH]  
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**21/3,K/24 (Item 5 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02863372 Supplier Number: 45808795 (USE FORMAT 7 FOR FULLTEXT)  
**ELECTRONIC CHECKING SOLUTION PASSES TEST**  
Internet Week, v1, n25, pN/A  
Sept 25, 1995  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 525

... customer then "signed" the check using a digital signature (created with public/private key pairs) housed in the smart card, which "wrapped" the check using a hashing algorithm. The algorithm and signature can be...

...by someone with a valid account with the bank. The check was then sent via electronic mail to the merchant.

When PC Gifts & Flowers received the check electronically, software on the firm...

**21/3,K/25 (Item 6 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02742665 Supplier Number: 45566052 (USE FORMAT 7 FOR FULLTEXT)  
**The Windy City May Become The Smart City**  
Bank Network News, v13, n1, pN/A  
May 27, 1995  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 386

... a lot of money to upgrade an entire terminal base with smart cards," he says.

Electronic Data Systems, which is scheduled to take over as Cash Station's processor in November, will process transactions in the smart card pilot. EDS will begin a 350-card in-house stored-value smart card program at EDS' Morris Plains, N.J., EFT headquarters later this month. EDS

is...

**21/3,K/26 (Item 7 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02734110 Supplier Number: 45547831 (USE FORMAT 7 FOR FULLTEXT)

**Stored-value smart card programs are hot**

CardFAX, pN/A

May 17, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 208

... two Canadian banks to pilot its electronic purse product in North America (Cardfax 5/15).

**Electronic Data Systems**, which is scheduled to take over as Cash Station's processor in November, will process transactions in the Smart City pilot. EDS will begin a 350-card in-house stored-value **smart** card program at EDS' Morris Plains, NJ, headquarters later this month.

Copyright 1995 Faulkner & Gray...

**21/3,K/27 (Item 8 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2000 The Gale Group. All rts. reserv.

02498947 Supplier Number: 45019413 (USE FORMAT 7 FOR FULLTEXT)

**CEO INTERVIEW- PAUL M. OLSON, CABLE DESIGN TECHNOLOGIES CORPORATION (CDTC)**

Wall Street Transcript Digest, v14, n12, pN/A

Sept 26, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 301

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and CEO of Cable Design Technologies Corporation (CDTC), a designer and manufacturer of technologically advanced **electronic** data transmission cables made of copper, fiber optics and copper/fiber optic composites. The Company's...

...cable products will continue as their leading revenue gainer, and that beyond networking, there is '**smart house /smart buildings**' --cable is going to be installed by both the communications industry and the cable...

**21/3,K/28 (Item 9 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02432806 Supplier Number: 44844570 (USE FORMAT 7 FOR FULLTEXT)

**Symantec-Joins Smart Valley Consortium**

Interactive Facts, v1, n17, pN/A

July 18, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 282

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...award-winning pcANYWHERE for mobile professionals and telecommuters complements the Smart Valley mission as Internet, e-mail and other communications connections to computers become common." Smart Valley, Inc. is a nonprofit organization...

...that will benefit all sectors of Silicon Valley: education, healthcare, local government, business and the home . Smart Valley, Inc. is affiliated with Joint Venture: Silicon Valley Network, a broad-based, grass roots...

21/3,K/29 (Item 10 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02069070 Supplier Number: 43795648 (USE FORMAT 7 FOR FULLTEXT)

**Untitled Article**

Bank Network News, pN/A

April 26, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 2201

... administration, with its open arms to technology, can speed the development of electronic benefits transfer, smart cards, home banking services and automated branch banking. While Presidents Reagan and Bush were of a generation...

...come from a generation that embraces debit cards. Also, observers say Gore's support of an electronic information highway could advance electronic banking services. "Gore, more than Clinton, is generating an energy that is affecting everyone in..."

...optics and interactive video communications. As a result of that, and Gore's support of national electronic data bases, electronic home banking programs could gain additional support. Also, Kennedy notes that Clinton's interest in health..

**28/3,K/1 (Item 1 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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12364705 SUPPLIER NUMBER: 62799418 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**THE HOME AS A COMPUTER.**  
Bodensteiner, Peter  
Builder, 23, 1, 188  
Jan, 2000  
ISSN: 0744-1193 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 976 LINE COUNT: 00079

... 90s as builders throughout the country standardized on structured wiring, providing buyers with high-speed Internet access along with the ability to network computers and distribute video throughout the home. But  
...

...with more conventional ones--heating, cooling, lighting, security and electricity. The dream of a truly "smart" home remains just that.

IBM's Home Director system is one potential answer. Sereno Homes, a high-end custom builder in Austin, Texas...

**28/3,K/2 (Item 2 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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12240292 SUPPLIER NUMBER: 62825152 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Home Director chosen by Insyde Software to provide applications for Internet devices.**  
Business Wire, 2292  
June 20, 2000  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 779 LINE COUNT: 00071

... Officer.

At the Digital Living Room conference this week, Home Director is demonstrating a WebPAD appliance running its Home Network Controller intelligent home management system. The Home Director control interface, previously accessed from any television in the home, is being extended to use...

...interface on the WebPAD appliance that can also be accessed by any browser over the Internet.

"Insyde's significant operating system and browser integration expertise combined with National's XpressROM product..."

**28/3,K/3 (Item 3 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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12236737 SUPPLIER NUMBER: 62809792 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Home Director Joins OSGi Standard Initiative Bringing Internet-Based Services to the Networked Home.**  
Business Wire, 2849  
June 19, 2000  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 687 LINE COUNT: 00060

... Takes a Leadership Position to Make OSGi Service Bundle Available for Existing Commercial Products Home Director, a leader in home networking and intelligent home systems, announced today that it is joining the Open Services Gateway Initiative (OSGi) - embracing the open standard for connecting a new generation of "intelligent devices" in the home to the Internet. By joining more than 60 leading technology companies in the OSGi

organization, Home Director is...

...the home; and easily add or change the location of telephone lines.

The Home Network Controller provides homeowners with an intelligent link among security, lighting and HVAC systems. The systems can be controlled through a television, computer or any device with a Web browser, either in the home or through a remote Internet connection. Adding OSGi to this system further enhances its capabilities.

The OSGi organization (<http://www...>

**28/3,K/4 (Item 4 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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12081988 SUPPLIER NUMBER: 62056306 (USE FORMAT 7 OR 9 FOR FULL TEXT)

On RadioWallStreet.com: the TechPower Show.

Business Wire, 1258

May 12, 2000

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 283 LINE COUNT: 00028

... Friday, May 12, 2000, at 2:00 PM EDT.

His guests this week include Jill House , Smart Hand Held Devices Analyst, IDC; Phil Holden, Group Product Manager for the Microsoft Corporation (Nasdaq: MSFT) Mobile Device Division; Ted Clark, Vice-President of Internet Appliance for Compaq Computer Corporation (NYSE: CPQ); Elaine Gasser, Hewlett-Packard Company (NYSE: HWP) Jornada...

**28/3,K/5 (Item 5 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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11977619 SUPPLIER NUMBER: 61527630 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Looking Back, Looking Forward.

Simpson, David

Appliance, 57, 4, 38

April, 2000

ISSN: 0003-6781 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2980 LINE COUNT: 00240

... to developing the first wave of HLT-Smart appliances for Sunbeam, Thalia developed three, new Internet -ready Thalia branded products for the Housewares Show: the HomeHelper kitchen console, HandHelper personal digital...

...and TimeHelper alarm clock. Each appliance will be gateways to the outside world and primary controllers of HLT-Smart products in the home . The six Sunbeam HLT-Smart products are a coffee maker, electric blanket, smoke detector, stand...

**28/3,K/6 (Item 6 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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11843441 SUPPLIER NUMBER: 60004337 (USE FORMAT 7 OR 9 FOR FULL TEXT)

LG Electronics Promotes Echelon's LONWORKS Networks for the Home.

Business Wire, 1119

March 8, 2000

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 862 LINE COUNT: 00080

... have determined that the LONWORKS system provides one of the most preferred solutions for creating smart , Internet -enabled home appliances that work with each other and interoperate with devices from

other manufacturers."

"Echelon has positioned itself for the burgeoning home networking market by joining..."

**28/3,K/7 (Item 7 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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11688241 SUPPLIER NUMBER: 58925589 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Zilog Announces 1999 Results; Net Sales Increase 20% over 1998. (Company Financial Information)**

Cambridge Telecom Report, NA

Jan 24, 2000

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 758 LINE COUNT: 00112

... the Extreme Connectivity market. ZILOG's new product lines --- the Cartezian Communications Engine, the eZ80 Internet Engine, the Wave chip family of wireless spread spectrum data and voice controllers, and Wave Communicator technology --- are part of the company's bid to harness the power of the Internet, connect home appliances, security systems and office networks, and transform home entertainment platforms into interactive networks and Internet gateways. As evidence of this initiative, ZILOG and Sunbeam Corporation announced an alliance Monday to develop Extreme Connectivity solutions for smart homes and appliances

ZILOG is a leading global design solutions company specializing in embedded and integrated circuits for...

**28/3,K/8 (Item 8 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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11638180 SUPPLIER NUMBER: 58460759 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**LONMARK Interoperable Devices On Display at the 2000 International Consumer Electronics Show.**

Business Wire, 0316

Jan 6, 2000

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 645 LINE COUNT: 00061

... products join those from Echelon, Hubbell, and Leviton to round out the Sun Microsystems' Internet demonstration of GTE's prototype "Smart Home" in Dallas, Texas.

"The number of LONMARK devices on display this year at the 2000 CES continues to demonstrate the amazing growth of..."

**28/3,K/9 (Item 9 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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11401702 SUPPLIER NUMBER: 56070270 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Open Services Gateway Initiative Builds Momentum; 30+ Member Companies Convene in Chicago to Establish Open Standard For Delivering E-Services to Homes/Small Businesses.**

PR Newswire, 2154

Oct 7, 1999

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 4234 LINE COUNT: 00380

... of connectivity with the external internet world will be an important step to enable the intelligent home. The market for consumer appliances, such as Multimedia Terminals and home gateways, is going to experience exceptional growth thanks to...

...based computing is not just about a mouse and a monitor: instead, its about using smart homes, smart buildings and smart equipment to better connect to customers, vendors and suppliers. Internet service will be as ubiquitous as the power in your home, and just as pervasive...

...open standards for the Services Gateway will be a key in the development of new Internet service."

Sun Microsystems media contact:

Penny Bruce  
408-343-1796

Penelope.Bruce@Eng.Sun.COM...

**28/3,K/10 (Item 10 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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11353317 SUPPLIER NUMBER: 55500562 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Invensys Buys Unity.**

Appliance Manufacturer, 47, 8, 14  
August, 1999

ISSN: 0003-679X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 50 LINE COUNT: 00007

**TEXT:**

Invensys Controls, Richmond, Va., acquired Unity Systems of Sunnyvale, Calif. Unity Systems pioneered the "smart home" concept in the early 1980s, and its recent product introductions include the Universal Controller, a product aimed at the light commercial market, and Unity Solutions, an Internet monitoring and control system.

**28/3,K/11 (Item 11 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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11346485 SUPPLIER NUMBER: 55450518 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**REDEFINING SWITCHES.**

Higgins, Jill  
Appliance, 56, 8, 32  
August, 1999

ISSN: 0003-6781 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 4287 LINE COUNT: 00355

... the focal point to provide smart power control that can be operated manually, by the equipment itself, or remotely by a modem, from a smart home control bus, or over the Internet."

The unit features two fully isolated, low-voltage inputs for "remote" control applications. One of

**28/3,K/12 (Item 12 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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11266880 SUPPLIER NUMBER: 55445972 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Learn2.com Signs 3 Year Deal With T1 Homes.com, Pioneer in Residential T1 Lines; Company Expects to Reach 3 Million Users Within 2 Years.**

Business Wire, 1054  
August 16, 1999

LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 876 LINE COUNT: 00077

... includes additional features such as reporting and administration. T1Homes.com provides not only high speed Internet access but home automation which features smart appliances operated by remote control

and card- or thumb-reading security systems as future examples. It...

28/3,K/13 (Item 13 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09900081 SUPPLIER NUMBER: 19979523 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Home - beep - home. (home automation technology) (includes related article  
on home automation standards Home Plug and Play and IEEE 1394) (Industry  
Trend or Event)  
Maglitta, Joseph E.  
Electronic Business, v23, n11, p55(5)  
Nov, 1997  
ISSN: 0163-6197 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3051 LINE COUNT: 00258

... players, CD jukeboxes, games and screen phones.

The strategy hinges on building a network of "smart" home  
devices like telephones, televisions and CD players connected to the  
Internet. Such integration would let homeowners find phone numbers from  
Web phone directories, for example, or...

28/3,K/14 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02259739 SUPPLIER NUMBER: 53555187 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Wrapping Up This Year's Winter CES - Roundup 01/11/99.  
Newsbytes, NA  
Jan 11, 1999  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 785 LINE COUNT: 00067

TEXT:

...sharp-usa.com . HotCall 2000 Incoming Call Alert Command  
Communications, Inc. showed its "solution" for Internet surfers who have  
only one incoming telephone line. The HotCall 2000 uses the phone company  
...

...Advantage 2000 interactive kitchen resource center, a combination TV,  
stereo audio-video CD player and Internet technology controller to  
monitor entertainment, Internet access, e-mail, home security and  
smart-appliances. The firm based the resource center on its Spyglass  
Device Mosaic technology. The smart appliances yet to come are devices  
like stoves, dishwashers and refrigerators...

...product line that uses telephone lines to connect the PC with  
peripherals or to the Internet. The firm says this version of HomePNA  
only takes plugging in a telephone extension. The...

...introductory home networking kits with two cards, a multi-player game  
and ActionTec's DynaSyGate Internet and peripheral sharing software that  
lets all connected PCs share a single ISP (Internet service provider)  
account, telephone line and modem. The software includes firewall  
protection and gives parents...

...let users monitor their family, home, or business from anywhere that has  
access to the Internet or e-mail. The firm said its patent pending  
technology will sell for \$699 and...

28/3,K/15 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2000 The Gale Group. All rts. reserv.

02259075      SUPPLIER NUMBER: 53547924      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Making Plug And Play Universal 01/08/99.**  
Newsbytes, NA  
Jan 8, 1999  
LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 936      LINE COUNT: 00078

TEXT:

...to jump-start into reality this year. The second is to implement a form of **Internet** -- or at least TCP/IP -- connection sharing. The combination would make it easy for smart...

...intelligent computer "appliances" and a new category of "smart objects" that are not primarily computing devices , such as cellular phones, cameras and **household** thermostats. It is **smart** objects that Microsoft particularly wants to bring into a universal plug and play initiative, to ...

...the success of internetworking pretty much everything. Mundie said Microsoft has now settled on IP (**Internet** protocol) to network devices. He mentioned various ways to network objects in existing structures, including...

...to have to understand network topology. The connection must let multiple users share a single **Internet** connection, must be automatically configurable and must connect on demand. In other words, it must...

**28/3,K/16**      (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04639187      Supplier Number: 61636284      (USE FORMAT 7 FOR FULLTEXT)

**Echelon Expands Networking Arrangements.**

Manufacturing Automation, v9, n4, pNA

April, 2000

Language: English      Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1209

... LG Electronics (LGE) of Korea is promoting open, interoperable networked devices in the home. Its **Internet** -enabled appliances such as refrigerators, microwaves, and other appliances will use Echelon's LONWORKS control...have determined that the LONWORKS system provides one of the most preferred solutions for creating **smart** , **internet** -enabled **home appliances** that work with each other and interoperate with **devices** from other manufacturers, said Namseog Byeon, general manager of technology strategy, Digital Appliance Company, LGE...

**28/3,K/17**      (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04557603      Supplier Number: 59325641      (USE FORMAT 7 FOR FULLTEXT)

**Vivao plc recruits two new senior managers.**

M2 Presswire, pNA

Feb 10, 2000

Language: English      Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 788

... Commerce direction to the company's interactive media and retailing services, which included content management, **Internet** shopping, multi-channel retailing and interactive Digital TV . He also developed the "**Internet Fridge**" intelligent **home appliance** concept, in conjunction with Electrolux.

Peter also has over six years experience in product marketing...

**28/3,K/18 (Item 3 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04534602 Supplier Number: 58672110 (USE FORMAT 7 FOR FULLTEXT)  
**Preparing for digital doorway to the home, ICL connects retailers and consumers with tech exhibit.**

M2 Presswire, pNA  
Jan 18, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 673

... said. "That's why we're showing a store of the future and a networked home , complete with smart oven, Internet refrigerator and remote handheld devices , all of which work together for access both to retailers as well as to controls...

**28/3,K/19 (Item 4 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04107571 Supplier Number: 54000104 (USE FORMAT 7 FOR FULLTEXT)  
**SUN MICROSYSTEMS: 15 leaders to create standard for bringing net-based services to networked home.**

M2 Presswire, pNA  
March 2, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 2043

... computing is not just about a mouse and a monitor: instead, it's about using smart homes , smart buildings and smart equipment to better connect to customers, vendors and suppliers. Internet service will be as ubiquitous as the power in your home, and just as pervasive..

File 634:San Jose Mercury Jun 1985-2000/Aug 17  
     (c) 2000 San Jose Mercury News  
 File 635:Business Dateline(R) 1985-2000/Aug 23  
     (c) 2000 Bell & Howell  
 File 647:CMP Computer Fulltext 1988-2000/Aug W1  
     (c) 2000 CMP  
 File 674:Computer News Fulltext 1989-2000/Jun W1  
     (c) 2000 IDG Communications  
 File 810:Business Wire 1986-1999/Feb 28  
     (c) 1999 Business Wire

Set	Items	Description
S1	1276192	REMOT? OR NETWORK? OR INTERNET OR WWW OR WORLD()WIDE()WEB - OR (WIDE OR LOCAL) ()AREA()NETWORK? OR WAN OR DISTANT OR DISTR- IBUT?
S2	305295	SEND OR SENDING OR SENDS OR TRANSMIT? OR TRANSMISSION? ?
S3	1757352	COMMAND? OR INSTRUCTION? OR DIRECTION? OR OPERATION? ? OR - SIGNAL? ? OR ACTIVAT? OR EXECUT? OR REQUEST? OR TURN?()ON
S4	1431821	CONTROLLER? OR MANAGER? OR DIRECTOR?
S5	902191	DEVICE? OR UNIT? ? OR PERIPHERALS? ? OR VIDEO()DECK? ? OR - APPARATUS OR EQUIPMENT?
S6	417350	APPLIANCE? ? OR (HOME OR HOUSE) (3N)APPLIANCE? OR STOVE? ? - OR MICROWAVE OR LIGHTS OR LIGHTING OR VCR OR TV OR TELEVISION
S7	115	ELECTRIC?()POWER()GRID? ?
S8	1181	(SMART OR INTELLIGENT) (3N) (HOUSE? OR HOME?)
S9	2153309	EMBED? OR COMBIN? OR AFFIX? OR ADJOIN? OR JOIN? OR ATTACH? OR ADD? OR INSERT? OR AUGMENT? OR APPEND? OR INCORPORAT?
S10	186406	(ELECTRONIC OR E OR VIRTUAL) (3N) (MAIL OR MESSAGE? OR DATA - OR INFORMATION) OR EMAIL
S11	18	S8(S)S10
S12	3127	S1(5N)S2(3N)S3
S13	100160	S4(S) (S5 OR S6 OR S7)
S14	24215	S9(5N)S10
S15	1	S12(S)S13(S)S14
S16	1	S12(S)S13(S) (USING OR VIA) (3N)S10
S17	1	S16 NOT S15
S18	54	S12(S)S13
S19	0	S18(S)S8
S20	8	S18(S)S10
S21	6	S20 NOT (S15 OR S16)
S22	6	RD S21 (unique items)
S23	6	S11 NOT (PY=>1997 OR PD=>970318)
S24	6	RD S23 (unique items)
S25	19	S13(10N)S8
S26	2	S25(S)INTERNET
S27	2	S26 NOT (S15 OR S16 OR S24)
S28	17	S25 NOT S27
S29	15	S28 NOT (PY=>1997 OR PD=>970318)
S30	15	RD S29 (unique items)

15/3,K/1 (Item 1 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2000 IDG Communications. All rts. reserv.

061551

A line in the SPAM

In Depth

IS can learn a lot from watching the slugfest between those who send junk E-mail and those who despise it

Byline: Leslie Goff

Journal: Computerworld Page Number: 87

Publication Date: August 25, 1997

Word Count: 1777 Line Count: 159

Text:

Scott Hazen Mueller broke out in a sweat when his name and return address were forged on a bulk electronic -mail message to members of Congress that threatened to wipe out all the information stored on congressional...

... against online junk mail, popularly known as spam. Spammers have forged his name and return E -mail address , as well as those of CAUCE, on several solicitations for money to support fictional antispam...

... the antispammers contend that spammers use tactics that abuse their personal privacy, such as harvesting E - mail addresses and distributing them without consent; ignoring remove-me-from-your-list requests or making it impossible to send such requests ; and employing messaging software that penetrates spam filters. They say spam wastes their time, constitutes...

...day. "If the current growth trend continues," he says, "everyone will go back to watching TV ." In the other corner, the pro-spammers argue the First Amendment, claiming the right to...president of interactive at Direct Media, Inc. in Greenwich, Conn., a large direct marketing list manager and broker. "I'm out on the Web all the time, and I'm not...

...who respond to direct marketing material they may perceive as spam. If companies are collecting E -mail addresses and other demographic data from Web surfers who register at their sites, an advisory of...

... spammer and proud of it. His company, Mr. E-mail in Newport Beach, Calif., sells E -mail address lists, software and services. He has no intention of caving in to the antispam pressure...

...Here's what he has to say: CW: What gives spammers the right to harvest E - mail addresses and use them for their own commercial purposes?

SILVER: This is where I totally feel...

... the White Pages, I have the right to call that number because it's public information . So is the E -mail address that's posted anywhere on the 'net. If I had to break in with a...

...do is the same as opening the phone book. If someone doesn't want bulk E -mail , they shouldn't place their address anywhere that's publicly accessible, whether they're registering for shareware or entering a sweepstakes...

...people to bomb the server. It's more of a burden to provide a (return) E -mail address than it is not to. I provide a toll-free phone number for removal requests.

17/3,K/1 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2000 CMP. All rts. reserv.

01023750 CMP ACCESSION NUMBER: NWC19940404S3505

**Electronic Forms Are More Than Paper Images**

Stephen Morse

NETWORK COMPUTING, 1994, n 504, 86

PUBLICATION DATE: 940404

JOURNAL CODE: NWC LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Reviews

**TEXT:**

... the box; you can buy additional modules to support connections to DB2, OS/2 Database Manager, Microsoft SQL Server and Oracle. We liked Delrina's intuitive form design tools. We were...

...guess. FormFlow includes an extensive procedural and macro language that requires programming skills. Chuck Feldman, director of wireless business development at Mobile Media in Ridgefield Park, N.J., explained that this...Edition and v2.X merges data with the form itself, in addition to queuing print requests. This relieves the network of the traffic load involved in transmitting entire form images for each print request. We found the designer module rudimentary and not very intuitive. It hardly uses the range of graphical devices available to it from Windows. For one thing, there is no color all fonts are...

...virtually anyone can view the form you send. However, we couldn't send a form via e-mail from within the regular filler program, JetForm Filler/G. We had to invoke a special...

22/3,K/1 (Item 1 from file: 647)  
DIALOG(R)File 647: CMP Computer Fulltext  
(c) 2000 CMP. All rts. reserv.

00642205 CMP ACCESSION NUMBER: CWK19890904S2751  
NEC TO MAKE MODEM MOVE NEC America Inc.'s Data and Video Communications  
Systems Division, at... (CONVERGENCE)  
COMMUNICATIONSWEEK, 1989, n 264, 10  
PUBLICATION DATE: 890904  
JOURNAL CODE: CWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: NEWS  
WORD COUNT: 410

... San Diego later this month, will introduce an intelligent resource-sharing modem and data service unit /channel service unit (DSU/CSU). The San Jose, Calif., division's rack-mounted I-Series E will provide data communications managers with network-wide control over the operation, diagnostics and monitoring of data transmission. The advantages of the I-Series E, according to the company, are its control and diagnostics, cost-effectiveness and variety of applications. With the I-Series, network managers will be able to monitor or configure any of the modems or DSUs in the series from local or remote sites. The network managers will be able to centrally control up to 504 modems on the network. System administrators...

22/3,K/2 (Item 1 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2000 IDG Communications. All rts. reserv.

078959

Fast relief for slow Web sites  
Tool kit for improving Web site performance includes packet shapers,  
caching appliances and load balancers.  
Byline: CHARLES BRUNO, GREG KILMARTIN AND KEVIN TOLLY  
Journal: Network World Page Number: 59  
Publication Date: November 01, 1999  
Word Count: 3546 Line Count: 328

Text:

...bottlenecks on LAN links that can be overwhelmed by noncritical traffic such as a large e-mail blast. With traffic shaping in place, you can deploy caching products so you don't waste bandwidth by sending out repetitive requests over the Internet when they can be serviced locally. Finally, a load-balancing tool can help provide consistent...

... through. The players: We evaluated two types of packet-shaping implementations. The so-called buffer managers (a.k.a. bit dribblers) were represented in our tests by NetReality's WiseWan product...

... 1 and frame relay connections - sits on the outside of the router and lets network managers build traffic queues that are serviced by the packet-shaping device. WiseWan 200 services traffic queues while endstations send data that fills the queues. We found...

... traffic streams entering the network. The downside to this deployment option is that such a device offers little control over internal network traffic. The class of traffic shapers represented in our...

...to the different parameters. This process acts as a governor of sorts, so the transmitting device throttles back traffic, opening bandwidth for high-priority traffic types. Because PacketShaper doesn't buffer the same device category, they are distinctly different products. You should use WiseWan 200 if you want to...

... 1 as users download files. PacketShaper lets you cap the outgoing rate of traffic so e-mail, RealAudio or other traffic types get the bandwidth they need, too. CachingOnce you deploy packet...

...Under this scenario, you trade freshness of the data for better response time. Alternatively, caching **devices** may be positioned close to your Web servers as a front-end processor, off-loading...

... pages in demand are cached, the caching engine simply returns the page to the requesting **device**, instead of dumping the page request to the Web server. The players: Only two Web...

... stations requesting data from a Web server, revealing only the IP address of the caching **device**. By contrast, Cobalt's CacheRaQ stores the IP address of a requesting client and reveals...

... However, HTTP 1.0 is still prevalent among Web sites. In our evaluation of caching **appliances**, we were impressed with CacheFlow's attempt to bring the pipelining benefits of HTTP 1...

... Timing is everythingAccessing cached Web pages to improve response time is one benefit of caching **appliances**, but such products also must guarantee the freshness of Web site data. A number of...our engineers requested page refreshes from our prototype network with the CacheFlow and Cobalt caching **appliances**, both **devices** intercepted the requests effectively and provided fresh content wherever necessary. Load-balancing **devicesTraffic** shaping and Web caching help network **managers** gain better control over available bandwidth and reduce latency, but Web site **managers** also need to take steps to ensure Web server availability. That's where load balancing...

... Point Systems, F5 Networks, Foundry Networks, HydraWeb Technologies and RADWare (see chart, below). Unlike caching **appliances** that are separated by subtle nuances in how they process page requests, load balancers vary...

... servers and the other that links to the Internet feed in a router or other **device**. At first glance, PC-based load balancers may seem out of place in enterprise networks...

...switch will offer greater raw performance than a PC-based load balancer, the PC-based **device** can offer more functionality because the general operating system kernel offers standard programming interfaces to...

... Load balancers track a variety of health statistics on connected Web servers to determine which **device** carries the smallest load and offers the optimal response time to handle the transaction at...case for agents is about the depth of knowledge you desire. Once a load-balancing **device** has determined the load carried by each Web server it manages, it will distribute traffic...

... AceSwitch 180, Coyote Point's Equalizer, F5 Networks' Big/ip and RADWare's Web Server Director support a balancing approach that directs requests to the server with the fewest number of...

... may be able to further improve performance by using more than one kind of these **devices** in the same deployment. Caching engines placed in front of load balancers, for instance, can...

... top of their other features. We contend that you need to blend traffic shapers, caching **appliances** and load balancers in order to groom response times, improve the reliability of service and...

22/3,K/3 (Item 2 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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077389

NEC shows off consumer robot  
Byline: Michael Drexler

Journal: Network World  
Publication Date: August 27, 1999  
Word Count: 419 Line Count: 38

Text:

... Mother?" it chirped in a synthesized whine, gazing its mechanical eyes at Yoshihiro Fujita, project **manager** of NEC's research and development group. The pudgy robot resembles the character Cartman from...

... on a stumbling demonstration of its skills at NEC's Incubation Center. Responding to voice **commands**, the prototype can **remotely** control a **TV** and air-conditioner, **send** and receive e-mail, and surf the 'Net. The robot often became confused, however, when confronted with the face...

... act completely autonomously, Fujita says. The R100's "eyes" are one-third inch charge coupled **devices**, the same **devices** used to capture images in digital still cameras. The robot stays powered for two hours...

22/3,K/4 (Item 3 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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074518

**Management on the cheap**

Here are 10 network and systems management tools that are free (or awfully close to it).

Byline: JEFF CARUSO

Journal: Network World Page Number: 51

Publication Date: May 10, 1999

Word Count: 1103 Line Count: 99

Text:

Consider the simple, nearly ubiquitous utility called ping. It's a network **manager**'s first reflex, the first tool in the toolbox. Need to know if a server...

... however, is just one of many useful and free management utilities readily available to network **managers**. In a large enterprise, such tools can be used to supplement commercial management tools and...

... ship with Unix and other operating systems, shareware and freeware management tools abound. Many network **managers** have grown frustrated with management software on the market; some have written their own quick...

... the public domain. Should an organization trust its network to free tools? Strategies differ. Some **managers** use the tools in conjunction with major network management software. Others use them as a...

... about all you needed to keep a small IP network running smoothly," says Mike Myrick, **manager** of network development and engineering services at the University of Mississippi. Over the past 20...

... grown management tools is cheap and easy on a small scale," says Deke Kassabian, technical **director** at the University of Pennsylvania. "But once the scale gets large enough, there is a..."

...Packet InterNet Groper, has been around since 1983. The program lets you know if one **device** can reach another over a **network**. Ping does this by **sending** an echo **request** using Internet Control Message Protocol. This free utility has been ported to major operating systems, including Unix...

...similar to ping, in that traceroute demonstrates if a packet can make it from one **device** to another. But traceroute also displays the route the packet takes through the Internet and...

...long periods of time, showing traffic trends for the past week, month or year. Network **managers** can configure MRTG to collect and display trends

on any SNMP variable. Many **managers** use MRTG to graph network trends, says Scott Parker, chief technology officer at Southernview Technologies...

... utility is a network management platform based on the Tool Command Language. With it, network **managers** can write scripts to automate network tasks. Scotty discovers what **devices** are connected to a network, filters events, provides for troubleshooting and includes a browser to...

... management information base."Scotty is not as extensible as Hewlett-Packard's OpenView or SunNet Manager , but it performs the basic functions I really need, at no cost," the University of...

...ones are up, and it scans for TCP ports to see what services - such as e -mail and Web pages - are available on the server. 7. TcpdumpThe Unix utility tcpdump prints out the headers of packets that go through the computer's network interface. Network **managers** can filter out the specific packets for which they're looking. They can look at...

... network resources, watching for server problems and ensuring that services such as Web pages and e -mail stay available. Network **managers** can configure mon to watch the service of their choice and generate an alert if... instance, if the file system is full, swatch could notify the administrator by sending an e - mail message . 10. WhatsUp GoldThe product can tell network **managers** when a **device** or service fails (see graphic, page 68). Ipswitch this month is shipping Version 4.0...

... reporting capabilities. The software keeps a running tab of how often and for how long **devices** go down, and generates reports on the information. Network **managers** often use the product as a backup to other commercial network management systems. There are...

22/3,K/5 (Item 4 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
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069160

Speech recognition bolsters Nortel messaging pack  
Byline: David Rohde  
Journal: Network World Page Number: 17  
Publication Date: September 28, 1998  
Word Count: 463 Line Count: 44

Text:

DallasNortel wants to tempt more users into trying unified voice, fax and e -mail messaging with a new platform that offers speech recognition and support for multiple e -mail clients. The company this week is expected to introduce a new multimedia messaging system named...

... in a single mailbox. Using a LAN-side connection, CallPilot pops header information for the **messages** onto desktop e -mail interfaces. CallPilot differs from some other unified messaging systems in several ways. First, it is not built for a particular e -mail client but supports many of them, including Lotus Notes and Microsoft Exchange. Second, CallPilot supports...

... ordinary telephone inputs with which to play messages. But users can also say predefined spoken commands from their offices or remote locations to compose, send , delete, skip and play back messages. The range of message-management options appeals to Lynne...

... potential user in an attempt to recognize unique natural speech patterns, says John Myers, general **manager** of Nortel's messaging-systems unit . Myers says the net effect is a lower total cost of ownership for an enterprise...

... skipping the adjunct hardware and having the system installed on

Meridian's on-board peripheral-equipment shelf as a single-board Pentium server. That base configuration costs \$20,000 for four...

22/3,K/6 (Item 5 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2000 IDG Communications. All rts. reserv.

025187

**Politics threaten debut of communications tools**

Byline: James Daly, CW Staff

Journal: Computerworld Page Number: 57

Publication Date: August 17, 1992

Word Count: 767 Line Count: 55

Text:

...personal digital assistant'' called Newton that could sport radio-based communication services.

In addition, once TV signals are sent in digital format, networks might transmit electronic data services such as stock quotes or deliver on-demand motion pictures in just a few seconds over high-capacity fiber-optic wire, predicted Nicholas Negroponte, director of MIT's Media Lab.

''The next step in TV is not being high-definition...''

24/3,K/1 (Item 1 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(c) 2000 San Jose Mercury News. All rts. reserv.

08778111

**INTEL TOUTS 'SOCIAL COMPUTING' BUT SOME DOUBT THAT PARENTS AND CHILDREN WILL JOIN IN USING A MACHINE DESIGNED FOR SOLO USE, EVEN IF IT'S INTEGRATED WITH A TELEVISION**

San Jose Mercury News (SJ) - Friday, October 4, 1996  
By: JODI MARDESICH, Mercury News Staff Writer  
Edition: Morning Final Section: Front Page: 1A  
Word Count: 1,384

... a large-screen color monitor and a TV tuner that transforms the PC into a **smart TV**. **Home** users will be able to plug in their surround-sound speakers and play movies off...

...discs, for example. Some Family Room PCs will offer a message center for telephone and **electronic mail**, while others will offer video conferencing.

Family Room PCs will have wireless devices, like keyboards...

24/3,K/2 (Item 2 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(c) 2000 San Jose Mercury News. All rts. reserv.

08280053

**CASH POOR, EQUITY RICH HOMEOWNERS MOVE FORWARD WITH REVERSE MORTGAGES**  
San Jose Mercury News (SJ) - Saturday, October 7, 1995  
By: Broderick Perkins, Mercury News Real Estate Writer  
Edition: Morning Final Section: Real Estate Page: 1F  
Word Count: 1,793

...247-6553 or (612) 953-4474.  
Mercury Center

Anjan and Wendy Ghose's DOS software '**Smart Homeowner 2.0**' helps you compare various mortgages and home equity loans, including reverse mortgages. A...

... the Software Libraries button, open the Mercury Library and scroll down until you come to **Smart Homeowner**. To purchase the latest full release of '**The Smart Homeowner**' (including hard-copy documentation) direct, send \$39 (includes taxes and postage) to IEG Consultants, P...

... inch disks. A Macintosh version is not available. Call Ghose at (415) 813-0192 or e mail him at AnjanG(at)sign)aol.com.

N

24/3,K/3 (Item 1 from file: 647)  
DIALOG(R)File 647:cmp Computer Fulltext  
(c) 2000 cmp. All rts. reserv.

01110962 CMP ACCESSION NUMBER: EET19961118S0102

**Internet smart phone dials new markets**

Robert Simon, Executive Vice President, Navitel Communications Inc., Menlo Park, Calif. and Thomas Brenner, Product Manager, Handheld Devices, PDA/PIC Product Line, Philips Semiconductors, Mountain View, Calif.

ELECTRONIC ENGINEERING TIMES, 1996, n 928, PG90

PUBLICATION DATE: 961118

JOURNAL CODE: EET LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Designing Computers

WORD COUNT: 1348

Financial programs, including home banking and stock trading, along with e-mail are good applications for a device that combines telephony features with computing and Internet-access...

...migrated to both the telephone touch-tone pad and the computer, requiring two devices for home access. The Internet smart phone brings all the necessary capabilities together in one device.

Moreover, combining voice and e...

**24/3,K/4 (Item 2 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2000 CMP. All rts. reserv.

01053601 CMP ACCESSION NUMBER: CWK19950522S0005

**NABISCO NET BRINGS SWEET SUCCESS**  
SAROJA GIRISHANKAR  
COMMUNICATIONSWEEK, 1995, n 558, PG1  
PUBLICATION DATE: 950522  
JOURNAL CODE: CWK LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: Top of the News  
WORD COUNT: 1206

... more efficiently.

This all comes together through an Executive Information System. Using Microsoft's MS-Mail electronic -mail system as the transport, homegrown intelligent agents fetch business-related information from news wires, sales and revenue data from ISIS, and...

**24/3,K/5 (Item 3 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2000 CMP. All rts. reserv.

00519591 CMP ACCESSION NUMBER: UNX19920203S3753  
**LOOK OUT, SYSOPS, HERE'S SOME FUTURE - 'Killer' MTV Apps, Smart Phones & The Global SolNet Make for Network Nirvana**  
UNIX TODAY , 1992, n 090, 28  
PUBLICATION DATE: 920203  
JOURNAL CODE: UNX LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: OPEN VISIONS: FUTURE MAPPING  
WORD COUNT: 1601

... PCs and Smart Phones will create a massive installed base of potential customers for new electronic information and entertainment services services that our coming consortium will be all too happy to provide. Putting a PC on every desk and a Smart Phone in every home is only the first phase. The truly lucrative one is what follows the age of ...

**24/3,K/6 (Item 1 from file: 810)**  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0315011 BW704

**NYNEX PHILIPS: NYNEX, Philips to develop system linking services and information to screen telephone**

January 20, 1993

Byline: Business Editors/Telecommunications Writers

- ...with Philips the technical and consumer demand for a system that integrates text and voice **information** services, such as **electronic** white pages, banking and shop-at **home** services, through the **intelligent** telephone network using a visual display telephone.
- o Investigate new network technologies that will enable.

27/3,K/1 (Item 1 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
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08794050

**MICROPROCESSOR AT 25 A QUARTER-CENTURY OF INNOVATION SPAWNS A REVOLUTION  
FOR ETERNITY**

San Jose Mercury News (SJ) - Sunday, October 20, 1996  
By: MICHAEL MALONE, Special to the Mercury News  
Edition: Morning Final Section: Business Page: 1E  
Word Count: 3,465

...industrial world.

Home life is changing as the microprocessor brings in video games, personal computers, **smart appliances**, **home controllers**, cable **television** and, as the piece de resistance, the **Internet**, an entirely new world at 28,800 bits per second.

You cannot change the nature...

27/3,K/2 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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2029323 48145047

**New chips promise ever-smaller e-gadgets Chip unveiled this week is one example of how dynamic the mobile market**

Van Slambrouck, Paul  
Christian Science Monitor p2  
Jan 21, 2000  
WORD COUNT: 714

TEXT:

...communication through single devices.

"Mobile phones are going to need to be vehicles for the **Internet**, **television**, interactive games, and even access to '**smart**' devices in the **home**," says Max Nikias, **director** of the Integrated Media Systems Center at the University of Southern California.

Convergence doesn't..

30/3,K/1 (Item 1 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
(c) 2000 San Jose Mercury News. All rts. reserv.

08681125

**WIRED FOR WHATEVER BUILDERS PREPARE HOUSES FOR HIGH-SPEED DATA TRANSMISSION**  
San Jose Mercury News (SJ) - Saturday, June 29, 1996  
By: DAWN YOSHITAKE, Los Angeles Daily News  
Edition: Morning Final Section: Real Estate Page: 11F  
Word Count: 759

... about the need to wire homes for current and future technology, said Susan Ritter, marketing director for Smart House , a Maryland-based home automation equipment maker.

''As people get computers and create home offices, they'll need additional wiring,'' she...

30/3,K/2 (Item 2 from file: 634)  
DIALOG(R)File 634:San Jose Mercury  
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07332073

**SAN JOSE'S FIRST SMART HOME SHOWS ITSELF OFF**  
San Jose Mercury News (SJ) - Saturday, November 27, 1993  
By: BRODERICK PERKINS, Mercury News Consumer Writer  
Edition: Morning Final Section: Home Page: 1E  
Word Count: 1,010

CAPTION:  
...2)

DIAGRAM: A central system controller sends electrical signals to "smart" appliances, audio/video systems, lighting , motion sensors and mechanical devices .

PHOTO: CAP CARPENTER -- MERCURY NEWS

smart house

Above, Ed Abelite, a cutting-edge mechanical engineer, demonstrates how to control a Smart Home...

30/3,K/3 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0655252 96-12008

Oki Advanced Products announces comPCard 486/50, a 2-ounce, credit card size PC-compatible 486DX2-50 computer -- Light weight, but no lightweight

Whimanek, Wes

Business Wire (San Francisco, CA, US) s1 p1

PUBL DATE: 951206

WORD COUNT: 491

DATELINE: Marlborough, MA, US, New England

TEXT:

...small a package, we really see it going into a host of the new information appliances that will herald the arrival of the smart car, smart home and smart office."

ComPCard boasts a 486DX/50MHz CPU. Its on-card VGA supports standard monitors or...

**30/3,K/4 (Item 2 from file: 635)**  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2000 Bell & Howell. All rts. reserv.

0608060 95-64314  
**New PicoPower system controller supports enhanced "Super" 486-class processors**  
Fowler, Joe  
Business Wire (San Francisco, CA, US) s1 p1  
PUBL DATE: 950612  
WORD COUNT: 766  
DATELINE: Fremont, CA, US

TEXT:

...management features in the chipset can provide a solution that promotes the computer as a **smart home appliance** ."

High-Speed Support and Added Features

The performance-oriented features of the Sequoia system controllers...

**30/3,K/5 (Item 3 from file: 635)**  
DIALOG(R)File 635:Business Dateline(R)  
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0605456 95-61682  
**Jennison Manufacturing's heir-apparent launches new venture**  
Bates, Daniel  
Small Business News-Pittsburgh (Pittsburgh, PA, US), V2 N1 s1 p16  
PUBL DATE: 950500  
WORD COUNT: 652  
DATELINE: Carnegie, PA, US

TEXT:

...t prewire for telephone lines, and 10 years ago, the didn't prewire for cable **TV** , " says Susan Ritter, **director** for marketing for a Maryland-based **home** -automation company called **Smart House** Ltd. The company, an apparent competitor of Greyfox, is a limited partnership that includes the...

**30/3,K/6 (Item 4 from file: 635)**  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2000 Bell & Howell. All rts. reserv.

0574492 95-30304  
**Southern Califirnia Edison testing state-of-the-art prototype home in PD**  
Anonymous  
Public Record (Palm Desert, CA, US), V19 N8 s1 p2  
PUBL DATE: 950224  
WORD COUNT: 715  
DATELINE: Palm Desert, CA, US

TEXT:

...building with a respect for energy--from the slab up--has the potential of producing "**intelligent** " **homes** that, when properly equipped with equally intelligent **appliances** and systems, reduce monthly utility bills.

"We're constantly researching 'smart' construction and cutting edge..."

30/3,K/7 (Item 5 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2000 Bell & Howell. All rts. reserv.

0511658 94-65996

**Home of the future comes to Delaware**

Hughes, Paul

Delaware Business Review (Wilmington, DE, US), V17 N28 s1 p1

PUBL DATE: 940711

WORD COUNT: 624

DATELINE: Wilmington, DE, US

TEXT:

...to state-of-the-art conveniences. The key to the system's "intelligence" is the **controller** which manages, distributes, and coordinates all communication throughout the building.

**Smart House**'s technological wonders have gotten raves from people who have seen them work during open...

30/3,K/8 (Item 6 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2000 Bell & Howell. All rts. reserv.

0311969 92-59403

**Bright Promise of 'Smart House' Dimming Over Time**

Samuel, Paul D.

Daily Record (Baltimore, MD, US) s1 p9

PUBL DATE: 920727

WORD COUNT: 1,217

DATELINE: Baltimore, MD, US

TEXT:

...major manufacturers.

"It's a Catch-22 situation," said Patty Montague, director of communications for **Smart House** L.P. "The **appliance** manufacturers want to see the houses going up. They want to know that there is..."

30/3,K/9 (Item 7 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0279084 92-25438

**SDG&E Survey Shows How Use of Appliances Can Cut Bills**

Nourse, Rhonda

San Diego Daily Transcript (San Diego, CA, US) sA p1

PUBL DATE: 920305

WORD COUNT: 645

DATELINE: San Diego, CA, US

TEXT:

...s remodeling show at the convention center. A mock living environment set up as the **Smart Play House** featured "computer-controlled **appliances** based on the idea that new technology would be used to make appliances more convenient...

30/3,K/10 (Item 8 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2000 Bell & Howell. All rts. reserv.

0203203 91-24837

**Home, Smart Home**

Kleiner, Kurt

Baltimore Business Journal (Baltimore, MD, US), V8 N42 s1 p1

PUBL DATE: 910325

WORD COUNT: 1,766

DATELINE: Upper Marlboro, MD, US

TEXT:

...in each house, telling it when cheaper "off-peak" rates were in effect, so big **appliances** like the dishwasher could be run more cheaply.

But the **Smart House** isn't without competition, said Michael Cogbill, a senior associate at Parks Associates in Dallas...

**30/3,K/11 (Item 9 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)

(c) 2000 Bell & Howell. All rts. reserv.

0121631 90-04274

**Pioneering the Home With a Brain**

Thomason, Robert

The Washington Post (Washington, DC, US), V113 N27 sE p11

PUBL DATE: 900101

WORD COUNT: 584

DATELINE: Upper Marlboro, MD, US

TEXT:

...to the appliances plugged into those sockets. Flexible hoses carrying natural gas to automated gas **appliances** will be part of **Smart House**'s initial offering.

"Manufacturers will be able to build appliances that are compatible with this..."

**30/3,K/12 (Item 10 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)

(c) 2000 Bell & Howell. All rts. reserv.

0057564 88-15096

**Developers Eye 'Smart' Revolution**

Sorenson, Michael B.

Rochester Business Journal (Rochester, NY, US), V4 N5 s1 p20

PUBL DATE: 880530

WORD COUNT: 1,494

DATELINE: Rochester, NY, US

TEXT:

...Development, the cable will distribute three things: power, control/data signals and audiovisual signals.

The **Smart House** system also will have smart **appliances** regulated by microchips. Besides allowing appliances to "talk" to each other through their microchips, electronic...

**30/3,K/13 (Item 1 from file: 647)**

DIALOG(R)File 647:CMF Computer Fulltext

(c) 2000 CMF. All rts. reserv.

01113518 CMF ACCESSION NUMBER: EET19961209S0082

**Fuzzy Logic- Java applets look for control - Aptronix's system uses a graphical interface to design fuzzy rules for smart applets**

R. Colin Johnson

ELECTRONIC ENGINEERING TIMES, 1996, n 931, PG56

PUBLICATION DATE: 961209

JOURNAL CODE: EET LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Design

WORD COUNT: 817

... a Web page to any microcontroller on their net-from the factory floor to a **smart appliance** at home," said Aptronix marketing director Daniel Zhu.

Complex industrial processes will be represented graphically from several alternative views on Web...

**30/3,K/14 (Item 2 from file: 647)**

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2000 CMP. All rts. reserv.

00590582 CMP ACCESSION NUMBER: EBN19910107S3481

**Hitachi's 16-Meg Fab Under Way In Japan Hitachi Ltd. has started construction of a 16-megabit dynamic RAM... (Semiconductor Briefs)**

ELECTRONIC BUYERS' NEWS, 1991, n 735, 14

PUBLICATION DATE: 910107

JOURNAL CODE: EBN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: SEMICONDUCTOR

WORD COUNT: 590

... groups will have Taiwan's Chung-Hsin Electric and Machinery Manufacturing Corp. build a system **controller** for the **Smart House** standard.

Microsemi Names Steel Commercial Sales Chief  
Derek J. Steel was appointed to a new...

**30/3,K/15 (Item 3 from file: 647)**

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2000 CMP. All rts. reserv.

00505649 CMP ACCESSION NUMBER: EBN19920406S1816

**This XT Isn't Power-Hungry (Product Of The Week)**

Darrell Dunn

ELECTRONIC BUYERS' NEWS, 1992, n 798, 35

PUBLICATION DATE: 920406

JOURNAL CODE: EBN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Products

WORD COUNT: 323

The ESP8680 module is expected to be used in applications such as industrial machinery, medical **equipment**, robotics, **smart homes** and hand-held computers, said Carmi Weininger, sales and marketing **director** for the wholly owned subsidiary of New York-based Dover Corp.

The module measures 1...